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Highlights

- Worldwide Natural Fiber Survey...begins on page 267.
- November 1990 Capacity Survey Analysis...begins on page 273.
- Quarterly Manufactured Fiber Data...begins on page 278.

SHIPMENTS:

In November, total manufactured fiber shipments reached 737 million pounds, 7% below the 790 million pounds shipped in October and 5% above the 701 million pounds shipped in November 1989.

November shipments of synthetic (noncellulosic) filament yarn fell 2% to 363 million pounds and staple+tow fell 9% to 337 million pounds.

Contributing to the decrease in shipments over the previous month were polyester staple+tow down 13% or 27 million pounds, nylon staple+tow down 9% or 8 million pounds and polyester industrial yarn down 3 million pounds or 8%.

Year-to-date domestic shipments of manufactured fiber are down 3% and exports are up 8%.

TABLE 1:
TOTAL U.S. MANUFACTURED FIBER SHIPMENTS
MILLION POUNDS & *PERCENT CHANGE*

ITEM	1990 NOV	1990 OCT	% CHG 11/90-10/90	1989 NOV	% CHG 11/90-11/89	YEAR TO DATE 1990	YEAR TO DATE 1989	% CHG YTD 1990-1989
ARTIFICIAL (CELLULOSIC)								
YARN	15.3	19.3	*-20.7*	14.8	*+3.4*	188.9	199.7	*-5.4*
RAYON STAPLE	22.3	28.5	*-21.8*	24.7	*-9.7*	283.5	332.6	*-14.8*
TOTAL ARTIFICIAL (CELL.)	**37.6**	**47.8**	***-21.3***	**39.5**	***-4.8***	**472.4**	**532.3**	***-11.3***
SYNTHETIC (NONCELL.)								
YARN+MONOFILAMENT								
NYLON - INDUSTRIAL	33.4	28.5	*+17.2*	28.7	*+16.4*	318.3	332.7	*-4.3*
- CARPET	83.8	86.0	*-2.6*	78.7	*+6.5*	902.0	886.4	*+1.8*
- TEXTILE [a]	32.3	32.7	*-1.2*	32.7	*-1.2*	339.2	367.2	*-7.6*
POLYESTER - INDUSTRIAL	30.0	32.7	*-8.3*	26.4	*+13.6*	329.3	332.8	*-1.1*
- TEXTILE [a]	66.6	67.1	*-0.7*	55.7	*+19.6*	697.4	744.2	*-6.3*
OLEFIN	117.0	123.8	*-5.5*	103.3	*+13.3*	1314.2	1154.4	*+13.8*
TOTAL YARN	**363.1**	**370.8**	***-2.1***	**325.5**	***+11.6***	**3900.4**	**3817.7**	***+2.2***
STAPLE+TOW+FIBERFILL								
NYLON	80.9	89.1	*-9.2*	81.9	*-1.2*	911.1	904.5	*+0.7*
ACRYLIC+MODACRYLIC	41.2	40.1	*+2.7*	42.1	*-2.1*	457.3	500.3	*-8.6*
POLYESTER	181.0	207.6	*-12.8*	182.9	*-1.0*	1945.8	2173.5	*-10.5*
OLEFIN	33.5	34.4	*-2.6*	29.1	*+15.1*	379.2	349.1	*+8.6*
TOTAL STAPLE	**336.6**	**371.2**	***-9.3***	**336.0**	***+0.2***	**3693.4**	**3927.4**	***-6.0***
TOTAL SYNTHETIC (NONCELL.)	**699.7**	**742.0**	***-5.7***	**661.5**	***+5.8***	**7593.8**	**7745.1**	***-2.0***
TOTAL MANUFACTURED FIBER	**737.3**	**789.8**	***-6.6***	**701.0**	***+5.2***	**8066.2**	**8277.4**	***-2.6***
TOTAL SHIPMENTS DIVIDED AS -								
DOMESTIC SHIPMENTS [b]	679.9	740.0	*-8.1*	663.9	*+2.4*	7577.7	7823.7	*-3.1*
EXPORTS [c]	57.4	49.8	*+15.3*	37.1	*+54.7*	488.5	453.7	*+7.7*

a. Includes low denier industrial yarn.
b. Includes olefin exports.
c. Excludes olefin exports.

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A Monthly Review

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WORLDWIDE NATURAL FIBER SURVEY

For the season beginning August 1, 1989, worldwide production of raw cotton decreased to 80 million bales, representing a decline of 5% from the 84 million bales produced in 1988. The two largest producers, the People's Republic of China and the United States, each had a significant reduction and together account for 14% of the worldwide decline in production. During the 1989 season, worldwide consumption at 86 million bales exceeded production by 6 million bales, reducing carryover to the 1990 season.

Cotton production in the United States fell 21% during the 1989 season to reach 12 million bales. At that level, consumption and exports exceeded production by 5 million bales.

In 1989, worldwide production of raw wool (greasy basis) grew 5% over the 1988 level to reach 7,458 million pounds. Australia with 33% of world wool production increased output by 346 million pounds. The remaining major wool producing nations which grow over half the world's supply decreased output 40 million pounds. The other portion of the increase or 33 million pounds came from the "other" nations that account for only 17% of world production.

Raw wool production in the United States remained unchanged during the 1989 season at 90 million pounds.

TABLE 2:
WORLDWIDE PRODUCTION, CONSUMPTION, EXPORT & CARRYOVER OF RAW COTTON
MILLION BALES [a] & *PERCENT*

SEASON BEGINNING	PRODUCTION [b]						CONSUMPTION [c]						EXPORT [d]						CARRYOVER [e]					
	TOTAL		U.S.A.		FOREIGN		TOTAL		U.S.A.		FOREIGN		TOTAL		U.S.A.		FOREIGN		TOTAL		U.S.A.		FOREIGN	
AUGUST 1	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%
1950-1954 f	38.4	*100*	14.0	*37*	24.4	*63*	37.2	*100*	9.3	*25*	27.9	*75*	12.4	*100*	4.0	*32*	8.4	*68*	17.0	*100*	5.4	*32*	11.6	*68*
1955-1959 f	43.9	*100*	12.9	*30*	31.0	*70*	44.2	*100*	8.7	*20*	35.5	*80*	14.7	*100*	5.1	*35*	9.6	*65*	22.7	*100*	10.9	*48*	11.8	*52*
1960-1964 f	48.7	*100*	14.9	*31*	33.8	*69*	47.4	*100*	8.7	*18*	38.7	*82*	16.6	*100*	5.0	*30*	11.6	*70*	21.7	*100*	9.3	*43*	12.4	*57*
1965-1969 f	52.3	*100*	10.6	*20*	41.7	*80*	54.0	*100*	8.9	*17*	45.1	*83*	17.4	*100*	3.6	*21*	13.8	*79*	26.7	*100*	11.3	*42*	15.4	*58*
1970-1974 f	60.9	*100*	11.8	*19*	49.1	*81*	58.8	*100*	7.5	*13*	51.3	*87*	20.0	*100*	4.5	*23*	15.5	*77*	23.0	*100*	4.3	*19*	18.7	*81*
1975-1979 f	59.7	*100*	11.8	*20*	47.9	*80*	62.1	*100*	6.7	*11*	55.4	*89*	19.8	*100*	5.8	*29*	14.0	*71*	26.5	*100*	4.3	*16*	22.2	*84*
1980-1984 f	70.6	*100*	11.9	*17*	58.7	*83*	67.0	*100*	5.6	*8*	61.4	*92*	20.1	*100*	6.1	*30*	14.0	*70*	23.5	*100*	4.6	*20*	18.9	*80*
1985-1989 f	79.3	*100*	13.1	*17*	66.2	*83*	83.0	*100*	7.6	*8*	75.4	*92*	24.2	*100*	5.8	*24*	18.4	*76*	36.7	*100*	5.8	*16*	30.9	*84*
1979	64.6	*100*	14.6	*23*	50.0	*77*	65.1	*100*	6.5	*10*	58.6	*90*	23.2	*100*	9.2	*40*	14.0	*60*	23.3	*100*	4.0	*17*	19.3	*83*
1980	63.7	*100*	11.1	*17*	52.6	*83*	65.3	*100*	5.9	*9*	59.4	*91*	19.9	*100*	5.9	*30*	14.0	*70*	22.9	*100*	3.0	*13*	19.9	*87*
1981	69.1	*100*	15.6	*23*	53.5	*77*	65.1	*100*	5.3	*8*	59.8	*92*	21.0	*100*	6.6	*31*	14.4	*69*	21.1	*100*	2.7	*13*	18.4	*87*
1982	66.4	*100*	12.0	*18*	54.4	*82*	66.5	*100*	5.5	*8*	61.0	*92*	18.6	*100*	5.2	*28*	13.4	*72*	24.3	*100*	6.6	*27*	17.7	*73*
1983	65.7	*100*	7.8	*12*	57.9	*88*	68.2	*100*	5.9	*9*	62.3	*91*	20.0	*100*	6.8	*34*	13.2	*66*	25.3	*100*	7.9	*31*	17.4	*69*
1984	88.2	*100*	13.0	*15*	75.2	*85*	70.0	*100*	5.5	*8*	64.5	*92*	20.8	*100*	6.2	*30*	14.6	*70*	23.7	*100*	2.8	*12*	20.9	*88*
1985	80.1	*100*	13.4	*17*	66.7	*83*	76.3	*100*	6.4	*8*	69.9	*92*	20.5	*100*	2.0	*10*	18.5	*90*	42.7	*100*	4.1	*10*	38.6	*90*
1986	70.8	*100*	9.7	*14*	61.1	*86*	83.7	*100*	7.5	*9*	76.2	*91*	26.7	*100*	6.7	*25*	20.0	*75*	47.8	*100*	9.3	*19*	38.5	*81*
1987	81.2	*100*	14.8	*18*	66.4	*82*	83.6	*100*	7.6	*9*	76.0	*91*	23.4	*100*	6.6	*28*	16.8	*72*	33.9	*100*	5.8	*17*	28.1	*83*
1988	84.4	*100*	15.4	*17*	69.0	*83*	85.3	*100*	7.8	*8*	77.5	*92*	26.2	*100*	6.1	*23*	20.1	*77*	32.7	*100*	7.1	*22*	25.6	*78*
1989 g	79.8	*100*	12.2	*17*	67.6	*83*	86.3	*100*	8.6	*8*	77.7	*92*	24.4	*100*	7.8	*32*	16.6	*68*	26.5	*100*	2.9	*11*	23.6	*89*
1990 g	87.2	*100*	14.9	*17*	72.3	*83*	86.9	*100*	8.0	*8*	78.9	*92*	25.0	*100*	7.0	*28*	18.0	*72*	26.9	*100*	2.9	*11*	24.0	*89*

SOURCE: International Cotton Advisory Committee.
For earlier years' data, see the October 1960 and 1969 ***Textile Organon*** issues, pages 167 & 176.

a. As 480-pound bales.
b. Refers to actual ginnings or pressings during the August-July crop year. In some countries, estimates of household consumption are included in production estimates U.S. production also includes city crop. Note the U.S. production shown in the table on page 262 includes only the ginnings until the 1982 crop year.
c. Includes raw cotton consumed in spinning mills and other factories plus estimates of household consumption.
d. Means the export of domestically produced cotton.
e. Includes mill stocks, port stocks and stocks in transit, etc. U.S.A. means the carryover of U.S. cotton in the world regardless of where located; FOREIGN means the carryover of foreign cotton in the world regardless of where located.
f. Five-year averages.
g. The 1989 & 1990 data are preliminary or estimated.

TABLE 3:
WORLDWIDE RAW COTTON PRODUCTION BY PRODUCING COUNTRIES
THOUSAND BALES & *PERCENT* [a]

SEASON BEGINNING	WORLD TOTAL		NORTH & SOUTH AMERICA												CHINA PRC & E. EUROPE					
			BRAZIL		MEXICO		U.S.A.		OTHER N.A.[b]		OTHER S.A.[c]		TOTAL		CHINA[d]		U.S.S.R.[e]		TOTAL	
AUGUST 1	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%
1950-1954	38403	100	1666	4.3	1340	3.5	14046	36.6	179	0.5	1170	3.0	18401	47.9	4480	11.6	5951	15.5	10431	27.1
1955-1959	43898	100	1490	3.4	2049	4.7	12945	29.5	423	1.0	1321	3.0	18228	41.6	7260	16.5	6937	15.8	14197	32.3
1960-1964	48651	100	2218	4.6	2189	4.5	14861	30.5	930	1.9	1637	3.4	21835	44.9	5277	10.8	7536	15.5	12813	26.3
1965-1969	52295	100	2668	5.1	2202	4.2	10573	20.2	1044	2.0	1558	3.0	18045	34.5	8218	15.7	9253	17.7	17471	33.4
1970-1974	60905	100	2745	4.5	1726	2.8	11777	19.3	1274	2.1	1852	3.1	19374	31.8	10448	17.2	11311	18.6	21759	35.8
1975-1979	59711	100	2364	4.0	1328	2.2	11751	19.7	1458	2.4	2208	3.7	19109	32.0	10033	16.8	11947	20.0	21980	36.8
1980-1984	70637	100	3165	4.5	1210	1.7	11897	16.8	899	1.3	2006	2.8	19177	27.1	18675	26.4	11209	15.9	29884	42.3
1985-1989	79286	100	3377	4.3	972	1.2	13106	16.5	451	0.6	2829	3.6	20735	26.2	18366	23.2	12294	15.5	30660	38.7
1979	64642	100	2650	4.1	1509	2.3	14629	22.6	1139	1.8	2218	3.4	22145	34.2	10145	15.7	12132	18.8	22277	34.5
1980	63741	100	2862	4.5	1620	2.6	11122	17.4	1189	1.9	2001	3.1	18794	29.5	12429	19.5	12302	19.3	24731	38.8
1981	69125	100	2941	4.3	1440	2.1	15646	22.6	911	1.3	2076	3.0	23014	33.3	13779	19.9	11309	16.4	25088	36.3
1982	66436	100	2976	4.5	840	1.3	11963	18.0	805	1.2	1329	2.0	17913	27.0	16695	25.1	10427	15.7	27122	40.8
1983	65684	100	2615	4.0	1038	1.6	7771	11.8	811	1.2	1955	3.0	14190	21.6	21508	32.7	10028	15.3	31536	48.0
1984	88199	100	4431	5.0	1110	1.3	12982	14.7	777	0.9	2669	3.0	21969	24.9	28956	32.8	11977	13.6	40943	46.4
1985	80114	100	3644	4.5	1010	1.3	13432	16.8	586	0.7	2177	2.7	20849	26.0	19288	24.1	12823	16.0	32111	40.1
1986	70822	100	2909	4.1	638	0.9	9731	13.8	439	0.6	1926	2.7	15643	22.1	16516	23.3	12274	17.3	28790	40.6
1987	81240	100	3968	4.8	1025	1.3	14760	18.2	465	0.6	3442	4.2	23660	29.1	19520	24.0	11372	14.0	30892	38.0
1988	84424	100	3257	3.7	1417	1.7	15412	18.3	397	0.5	3197	3.8	23680	28.0	19076	22.6	12744	15.1	31820	37.7
1989 f	79828	100	3106	3.9	769	1.0	12196	15.3	369	0.5	3401	4.3	19841	25.0	17430	21.8	12259	15.4	29689	37.2
1990 f	87232	100	3397	3.9	922	1.1	14864	17.0	405	0.5	3879	4.4	23467	26.9	20328	23.3	12041	13.8	32369	37.1

SEASON BEGINNING	WEST EUROPE TOTAL[g]		ASIA & OCEANIA										AFRICA							
			INDIA		PAKISTAN		TURKEY		OTHER[h]		TOTAL		EGYPT		SUDAN		OTHER[i]		TOTAL	
AUGUST 1	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%
1950-1954	230	0.6	3432	8.9	1330	3.5	642	1.7	727	1.9	6131	16.0	1713	4.5	387	1.0	1110	2.9	3210	8.4
1955-1959	525	1.2	4012	9.1	1381	3.2	763	1.7	1114	2.6	7270	16.6	1815	4.1	499	1.1	1364	3.1	3678	8.3
1960-1964	828	1.7	4769	9.8	1663	3.4	1118	2.3	1467	3.0	9017	18.5	2043	4.2	690	1.4	1425	3.0	4158	8.6
1965-1969	761	1.5	4850	9.3	2268	4.3	1787	3.4	1791	3.4	10696	20.4	2196	4.2	942	1.8	2184	4.2	5322	10.2
1970-1974	791	1.3	5410	8.9	2993	4.9	2379	3.9	2311	3.8	13093	21.5	2259	3.7	1051	1.7	2578	4.2	5888	9.6
1975-1979	789	1.3	5700	9.5	2536	4.3	2291	3.9	2288	3.8	12815	21.5	1928	3.2	660	1.1	2430	4.1	5018	8.4
1980-1984	821	1.2	6619	9.4	3480	4.9	2369	3.3	2808	4.0	15276	21.6	2110	3.0	817	1.2	2554	3.6	5480	7.8
1985-1989	1326	1.6	8424	10.6	6324	8.0	2609	3.3	3181	4.0	20538	25.9	1651	2.1	652	0.8	3724	4.7	6027	7.6
1979	654	1.0	6260	9.7	3344	5.2	2191	3.4	2422	3.7	14217	22.0	2221	3.5	523	0.8	2605	4.0	5349	8.3
1980	821	1.3	6256	9.8	3281	5.1	2297	3.6	2271	3.6	14105	22.1	2428	3.8	446	0.7	2416	3.8	5290	8.3
1981	878	1.3	6559	9.5	3435	5.0	2242	3.2	2729	3.9	14965	21.6	2293	3.3	712	1.0	2175	3.2	5180	7.5
1982	715	1.1	6481	9.7	3783	5.7	2246	3.4	2711	4.1	15221	22.9	2115	3.2	959	1.4	2391	3.6	5465	8.2
1983	780	1.2	5870	8.9	2271	3.5	2398	3.7	2979	4.5	13518	20.6	1879	2.9	1034	1.5	2747	4.2	5660	8.6
1984	910	1.0	7927	9.0	4631	5.3	2664	3.0	3349	3.8	18571	21.1	1833	2.1	933	1.1	3040	3.4	5806	6.6
1985	1078	1.3	8979	11.2	5587	7.0	2379	3.0	3486	4.4	20431	25.6	1999	2.5	652	0.8	2994	3.7	5645	7.0
1986	1331	1.9	7418	10.5	6061	8.5	2379	3.4	3042	4.3	18900	26.7	1850	2.6	757	1.1	3551	5.0	6158	8.7
1987	1178	1.4	7140	8.8	6741	8.3	2465	3.0	2916	3.6	19262	23.7	1615	2.0	622	0.9	4011	4.9	6248	7.8
1988	1587	1.8	8276	9.8	6547	7.8	2985	3.5	3181	3.8	20989	24.9	1426	1.7	652	0.8	4270	5.1	6348	7.6
1989 f	1456	1.6	10307	12.9	6684	8.4	2835	3.6	3282	4.1	23108	29.0	1367	1.7	575	0.7	3792	4.8	5734	7.2
1990 f	1612	1.9	10150	11.6	6931	7.9	2886	3.3	3583	4.1	23550	26.9	1551	1.8	436	0.5	4247	4.9	6234	7.2

SOURCE: International Cotton Advisory Committee.

a. Bales expressed as 480 pound net weight.
b. Baleages are principally from El Salvador, Guatemala & Nicaragua.
c. Baleages are principally from Argentina, Colombia, Paraguay & Peru.
d. Figures include baleages for North Korea & Vietnam.
e. Figures include nominal baleages for Albania, Bulgaria & Yugoslavia
f. Data are preliminary.
g. Baleages are principally from Greece & Spain.
h. Baleages are principally from Australia, Iran, Israel & Syria.
i. Burkina Faso, Ivory Coast, Mali, South Africa, Tanzania & Zimbabwe

TABLE 4:
WORLDWIDE RAW COTTON CONSUMPTION BY CONSUMING COUNTRIES
THOUSAND BALES & *PERCENT* [a]

SEASON BEGINNING	WORLD TOTAL		NORTH & SOUTH AMERICA												CHINA PRC & E. EUROPE					
			BRAZIL		MEXICO		U.S.A.		OTHER N.A.		OTHER S.A.		TOTAL		CHINA [b]		E. EUROPE [c]		TOTAL	
AUGUST 1	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%
1950-1954	37166	100	873	2.3	339	0.9	9317	25.1	423	1.1	803	2.2	11755	31.6	4460	12.0	6222	16.8	10682	28.8
1955-1959	44222	100	1093	2.5	472	1.1	8709	19.7	426	1.0	971	2.2	11671	26.5	7220	16.3	7793	17.6	15013	33.9
1960-1964	47384	100	1264	2.7	537	1.1	8704	18.4	548	1.2	1060	2.2	12113	25.6	5869	12.4	9142	19.3	15011	31.7
1965-1969	53813	100	1271	2.4	677	1.2	8939	16.6	604	1.1	1178	2.2	12669	23.5	8541	15.9	10655	19.8	19196	35.7
1970-1974	58805	100	1624	2.8	772	1.3	7513	12.8	569	1.0	1368	2.3	11846	20.2	11094	18.9	11634	19.8	22728	38.7
1975-1979	62057	100	2289	3.7	768	1.2	6653	10.7	552	0.9	1411	2.3	11673	18.8	12418	20.0	11810	19.0	24228	39.0
1980-1984	67013	100	2628	3.9	636	1.0	5627	8.4	566	0.8	1208	1.8	10665	15.9	16262	24.3	11402	17.0	27664	41.3
1985-1989	83016	100	3545	4.1	679	1.0	7570	9.1	491	0.6	1703	2.1	13988	16.9	20113	24.2	12472	15.0	32585	39.2
1979	65116	100	2591	4.0	757	1.2	6506	10.0	574	0.9	1398	2.1	11826	18.2	14146	21.7	11866	18.2	26012	39.9
1980	65281	100	2601	4.0	759	1.2	5891	9.0	579	0.9	1209	1.8	11039	16.9	15198	23.3	11713	17.9	26911	41.2
1981	65090	100	2631	4.0	708	1.1	5264	8.1	472	0.7	1083	1.7	10158	15.6	16505	25.3	11170	17.2	27675	42.5
1982	66535	100	2603	3.9	630	0.9	5513	8.3	583	0.9	1090	1.6	10419	15.6	16809	25.3	10919	16.4	27728	41.7
1983	68174	100	2553	3.8	528	0.8	5926	8.7	622	0.9	1252	1.8	10881	16.0	16495	24.2	11177	16.4	27672	40.6
1984	69983	100	2753	3.9	556	0.8	5540	7.9	575	0.8	1405	2.0	10829	15.4	16303	23.3	12030	17.2	28333	40.5
1985	76255	100	3180	4.2	634	0.8	6399	8.4	620	0.8	1625	2.1	12458	16.3	18778	24.6	12631	16.6	31409	41.2
1986	83690	100	3485	4.2	550	0.7	7452	8.9	595	0.7	1692	2.0	13774	16.5	20673	24.7	12927	15.4	33600	40.1
1987	83561	100	3727	4.5	683	0.8	7617	9.1	422	0.5	1758	2.1	14207	17.0	20121	24.1	12262	14.7	32383	38.8
1988	85326	100	3775	4.7	778	0.9	7782	9.1	413	0.5	1802	2.1	14550	17.3	20668	24.2	12399	14.5	33067	38.7
1989 g	86250	100	3560	4.2	751	0.9	8600	10.0	405	0.5	1640	1.9	14956	17.5	20323	23.6	12139	14.1	32462	37.7
1990 g	86924	100	3560	4.2	766	0.9	8000	9.2	401	0.5	1792	2.1	14519	16.9	20665	23.8	11923	13.7	32588	37.5

SEASON BEGINNING	WEST EUROPE [d] TOTAL		ASIA & OCEANIA														AFRICA	
			INDIA		PAKISTAN		TURKEY		JAPAN		KOREA		TAIWAN		OTHER [e]		TOTAL [f]	
AUGUST 1	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%
1950-1954	6909	18.6	3731	10.0	334	0.9	319	0.9	2013	5.4	143	0.4	82	0.2	738	2.0	7360	19.8	460	1.2
1955-1959	7155	16.2	4407	10.0	945	2.1	503	1.1	2590	5.9	257	0.6	143	0.3	856	1.9	9701	21.9	682	1.5
1960-1964	7163	15.1	4906	10.4	1199	2.5	552	1.2	3331	7.0	296	0.6	254	0.5	1523	3.2	12061	25.4	1036	2.2
1965-1969	6512	12.1	5078	9.4	1668	3.1	732	1.4	3340	6.2	408	0.8	408	0.8	2178	4.0	13812	25.7	1624	3.0
1970-1974	5897	10.0	5414	9.2	2184	3.7	971	1.7	3471	5.9	609	1.0	643	1.1	2844	4.8	16136	27.4	2198	3.7
1975-1979	5534	8.9	5697	9.2	1987	3.2	1358	2.2	3240	5.2	1178	1.9	972	1.6	3557	5.7	17989	29.0	2633	4.3
1980-1984	5464	8.2	6430	9.6	2339	3.5	1602	2.4	3284	4.9	1564	2.3	1179	1.8	3927	5.9	20324	30.3	2895	4.3
1985-1989	6396	7.7	7885	9.5	3606	4.3	2395	2.9	3333	4.0	1964	2.4	1816	2.2	5666	6.8	26666	32.1	3381	4.1
1979	5629	8.6	5944	9.1	1898	2.9	1225	1.9	3391	5.2	1554	2.4	1052	1.6	3824	5.9	18888	29.0	2761	4.3
1980	5215	8.0	6258	9.6	2119	3.2	1344	2.1	3286	5.0	1477	2.3	1052	1.6	3635	5.6	19171	29.4	2945	4.5
1981	5103	7.8	5837	9.0	2334	3.6	1429	2.2	3383	5.2	1536	2.4	1091	1.7	3712	5.7	19322	29.7	2832	4.4
1982	5470	8.2	6259	9.4	2426	3.6	1555	2.3	3291	4.9	1553	2.3	1164	1.7	3965	6.0	20213	30.4	2705	4.1
1983	5680	8.3	6651	9.8	2311	3.4	1773	2.6	3277	4.8	1617	2.4	1245	1.8	4142	6.1	21016	30.8	2925	4.3
1984	5853	8.4	7147	10.2	2503	3.6	1908	2.7	3181	4.5	1637	2.3	1341	1.9	4181	6.0	21898	31.3	3070	4.4
1985	5980	7.8	7099	9.3	2449	3.2	2095	2.7	3098	4.1	1811	2.4	1981	2.6	4633	6.1	23166	30.4	3242	4.3
1986	6701	8.0	7870	9.4	3212	3.8	2251	2.7	3431	4.1	1874	2.2	2021	2.4	5701	6.8	26360	31.5	3255	3.9
1987	6748	8.0	7817	9.4	3566	4.3	2531	3.0	3430	4.1	1994	2.4	1859	2.2	5539	6.6	26736	32.0	3487	4.2
1988	6226	7.1	8091	9.5	4042	4.7	2526	3.0	3485	4.1	2090	2.4	1702	2.0	6052	7.1	27988	32.8	3495	4.1
1989 g	6325	7.1	8550	9.9	4763	5.5	2572	3.0	3220	3.7	2051	2.4	1516	1.8	6407	7.4	29079	33.7	3428	4.0
1990 g	6303	7.1	9057	10.4	5239	6.0	2649	3.0	3156	3.6	2093	2.4	1364	1.6	6538	7.5	30096	34.6	3418	3.9

SOURCE: International Cotton Advisory Committee.

a. As 480 pound bales.
b. Includes nominal baleages for North Korea.
c. Principally U.S.S.R.
d. Principally Italy and Germany, Fed. Rep. of.
e. Hong Kong, Indonesia & Thailand are major consumers.
f. Egypt is a major consumer.
g. Data are preliminary.

TABLE 5:
SUPPLY AND DISTRIBUTION OF DOMESTIC & FOREIGN RAW COTTON IN THE U.S. FOR THE SEASONS BEGINNING AUGUST 1ST

THOUSAND RUNNING BALES [a]

SUPPLY & DISTRIBUTION	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990[b]
SUPPLY												
BEGINNING STOCK (AUGUST 1ST)	3958	3000	2668	6632	7937	2775	4102	9348	5026	5771	7092	2900
NET IMPORTS	5	28	26	20	12	24	33	3	2	5	1	20
U.S PRODUCTION (GINNINGS)[c]	14629	10991	15380	} 11963	7771	12982	13432	9731	14760	15411	12196	14864
CITY CROP (EST)[d]	+	131	266									
TOTAL SUPPLY	**18592**	**14150**	**18340**	**18615**	**15720**	**15781**	**17567**	**19082**	**19788**	**21187**	**19289**	**17784**
DISTRIBUTION												
NET EXPORTS	9229	5926	6567	5207	6786	6215	1960	6684	6582	6148	7800	7000
U.S. CONSUMPTION	6506	5891	5264	5513	5926	5539	6413	7452	7617	7782	8600	8000
ADJUSTMENT ITEM[e]	-143	-335	-123	-42	233	-75	-154	-80	-182	165	-11	-116
ENDING STOCK (JULY 31ST)	3000	2668	6632	7937	2775	4102	9348	5026	5771	7092	2900	2900
DIVIDED AS-												
PRIVATELY OWNED -	2463	1995	NO LONGER AVAILABLE									
GOVERNMENT CONTROLLED[f]	537	673										
TOTAL DISTRIBUTION	**18592**	**14150**	**18340**	**18615**	**15720**	**15781**	**17567**	**19082**	**19788**	**21187**	**19289**	**17784**

SOURCES: U.S. Department of Agriculture, ***Cotton and Wool Situation and Outlook,*** and the National Cotton Council Economic Services. For earlier years' data, see page 178 of the October 1967 ***Textile Organon*** and page 158 of the October 1978 issue.

a. Adjusted to 480-pound net weight bales.
b. Data estimated except for beginning stock.
c. Total ginnings within the crop year shown. Note that U.S. production given in the world tables on pages 267 and 268 also includes city crop, etc.
d. Consists of rebaled samples and pickings from cotton damaged by fire and weather (partially estimated).
e. The Census Bureau's difference between supply and distribution resulting from baleage destroyed, cotton in transit, etc.
f. Loan and pooled cotton under CCC and earlier programs.

TABLE 6:
U.S. CALENDAR YEAR IMPORTS & EXPORTS OF RAW COTTON & COTTON PRODUCTS

THOUSAND RUNNING BALES

PRODUCTS	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
IMPORTS											
RAW COTTON[a]	4	5	28	26	20	12	24	33	3	2	5
COTTON YARN	63	25	39	48	59	85	110	112	215	275	194
MANUFACTURED GOODS[b]	1698	1529	1650	1956	1869	2280	2943	3282	3980	4866	4414
TOTAL	**1765**	**1559**	**1717**	**2030**	**1948**	**2377**	**3077**	**3427**	**4198**	**5143**	**4613**
EXPORTS											
RAW COTTON[a]	6180	9229	5926	6567	5207	6786	6215	1960	6684	6582	6148
COTTON YARN	42	59	64	45	37	39	23	35	21	28	47
MANUFACTURED GOODS[b]	699	940	1037	720	528	418	406	409	572	621	688
TOTAL	**6921**	**10228**	**7027**	**7332**	**5772**	**7243**	**6644**	**2404**	**7277**	**7231**	**6883**
IMPORT BALANCE											
COTTON YARN+ MANUFACTURED GOODS[b]	+1020	+555	+588	+1239	+1363	+1908	+2624	+2950	+3602	+4492	+3873

SOURCES: U.S. Census Bureau and Department of Agriculture, ***Cotton and Wool Situation and Outlook.***

Raw cotton data are actual bales. Cotton yarn and manufactured goods data are the USDA raw cotton equivalents of these imports and exports.

a. Raw cotton data are for the crop year.
b. Includes thread, twine, cordage, woven & knit cloth, all types of apparel, home furnishings and other items such as industrial belts

DUE TO TARIFF SCHEDULE CODE CHANGES, THE U.S. DEPARTMENT OF AGRICULTURE RAW FIBER EQUIVALENT SURVEY FOR 1989 HAS NOT BEEN PUBLISHED.

TABLE 7:
U.S. COTTON ACREAGE & YIELD

SEASON BEGINNING AUGUST 1	HARVESTED	YIELD [a]	PRODUCTION
	THOUSAND ACRES	LBS	THOUSAND BALES [b]
1979	12831	547	14629
1980	13215	404	11122
1981	13841	542	15646
1982	9734	590	11963
1983	7348	508	7771
1984	10380	600	12982
1985	10229	630	13432
1986	8468	552	9731
1987	10035	706	14760
1988	11943	619	15412
1989 [c]	9538	614	12196
1990 [d]	11471	622	14864

SOURCE: International Cotton Advisory Committee.

a. Per harvested acre.
b. Production for the crop year in 480-pound net weight bales, regardless of when ginned. Does not include adjustment for city crop, etc.
c. Preliminary data.
d. International Cotton Advisory Committee estimate.

TABLE 8:
WORLDWIDE RAW WOOL PRODUCTION BY THE PRINCIPAL PRODUCING COUNTRIES [a]
MILLION POUNDS, GREASY BASIS & *PERCENT*

	AUSTRALIA		NEW ZEALAND		SOUTH AFRICA c		ARGENTINA		URUGUAY		UNITED STATES		UNITED KINGDOM		TURKEY		E. EUROPE & CHINA d		ALL OTHERS		WORLD TOTAL	
YEAR [b]	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%
1950 - 54 e	1202	*27.6*	419	*9.6*	272	*6.2*	401	*9.2*	193	*4.4*	289	*6.6*	96	*2.2*	76	*1.8*	667	*15.3*	745	*17.1*	4360	*100*
1955 - 59 e	1537	*29.5*	513	*9.9*	3.3	*6.0*	406	*7.8*	184	*3.5*	305	*5.9*	113	*2.2*	90	*1.7*	945	*18.1*	800	*15.4*	5206	*100*
1960 - 64 e	1713	*30.2*	607	*10.7*	304	*5.4*	413	*7.3*	187	*3.3*	295	*5.2*	127	*2.2*	98	*1.7*	1132	*20.0*	796	*14.0*	5672	*100*
1965 - 69 e	1836	*30.8*	717	*12.0*	301	*5.0*	454	*7.6*	181	*3.0*	222	*3.7*	123	*2.1*	100	*1.7*	1216	*20.4*	817	*13.7*	5967	*100*
1970 - 74 e	1764	*30.5*	681	*11.8*	246	*4.3*	410	*7.1*	138	*2.4*	169	*2.9*	106	*1.8*	110	*1.9*	1339	*23.2*	813	*14.1*	5776	*100*
1975 - 79 e	1567	*26.6*	707	*12.0*	230	*3.9*	385	*6.5*	145	*2.5*	113	*1.9*	106	*1.8*	122	*2.1*	1549	*26.2*	975	*16.5*	5899	*100*
1980 - 84 e	1614	*25.3*	816	*12.8*	238	*3.7*	358	*5.6*	173	*2.7*	106	*1.7*	116	*1.8*	135	*2.1*	1803	*28.2*	1030	*16.1*	6390	*100*
1985 - 89 e	2070	*29.7*	750	*10.8*	208	*3.0*	346	*5.0*	196	*2.8*	89	*1.3*	138	*2.0*	165	*2.4*	1855	*26.6*	1160	*16.4*	6976	*100*
1979	1564	*25.4*	787	*12.8*	227	*3.7*	377	*6.1*	154	*2.5*	106	*1.7*	106	*1.7*	130	*2.1*	1715	*27.8*	1002	*16.2*	6168	*100*
1980	1543	*24.6*	840	*13.4*	231	*3.7*	375	*6.0*	179	*2.8*	108	*1.7*	115	*1.8*	134	*2.1*	1735	*27.6*	1025	*16.3*	6285	*100*
1981	1581	*25.0*	800	*12.6*	242	*3.8*	370	*5.8*	168	*2.6*	112	*1.8*	112	*1.8*	137	*2.2*	1797	*28.4*	1016	*16.0*	6335	*100*
1982	1548	*24.4*	818	*12.9*	249	*3.9*	357	*5.6*	181	*2.9*	108	*1.7*	110	*1.7*	137	*2.2*	1823	*28.7*	1018	*16.0*	6349	*100*
1983	1605	*25.1*	802	*12.5*	238	*3.7*	357	*5.6*	181	*2.8*	104	*1.6*	119	*1.9*	137	*2.1*	1830	*28.6*	1031	*16.1*	6404	*100*
1984	1795	*27.3*	822	*12.5*	231	*3.5*	331	*5.0*	157	*2.4*	97	*1.5*	123	*1.9*	132	*2.0*	1828	*27.8*	1060	*16.1*	6576	*100*
1985	1830	*27.8*	789	*12.0*	216	*3.3*	335	*5.1*	192	*2.9*	90	*1.4*	126	*1.9*	134	*2.0*	1772	*27.0*	1090	*16.6*	6576	*100*
1986	1955	*29.0*	772	*11.5*	198	*2.9*	331	*4.9*	198	*2.9*	86	*1.3*	130	*1.9*	134	*2.0*	1843	*27.3*	1099	*16.3*	6746	*100*
1987	2019	*28.9*	763	*10.9*	203	*2.9*	346	*5.0*	196	*2.8*	88	*1.3*	137	*1.9*	187	*2.7*	1871	*26.8*	1170	*16.8*	6980	*100*
1988	2099	*29.5*	752	*10.6*	212	*3.0*	361	*5.1*	183	*2.6*	90	*1.3*	143	*2.0*	187	*2.6*	1889	*26.5*	1203	*16.8*	7119	*100*
1989 f	2445	*32.8*	675	*9.1*	210	*2.8*	355	*4.8*	212	*2.8*	90	*1.2*	154	*2.1*	181	*2.4*	1900	*25.5*	1236	*16.5*	7458	*100*
1990 f	2396	*32.0*	708	*9.5*	224	*3.0*	348	*4.6*	205	*2.7*	95	*1.3*	159	*2.1*	187	*2.5*	1925	*25.7*	1244	*16.6*	7491	*100*

SOURCE: The Commonwealth Secretariat, Economic Affairs Division, ***Wool Quarterly.***

a. Apparel plus carpet class shorn wool, as well as pulled wool and wool on skins, mostly at the shorn wool equivalent.
b. Calendar years for Northern Hemisphere nations; season beginning July first or October first for Southern Hemisphere countries.
c. Excludes Lesotho and South West Africa.
d. Includes Albania, Bulgaria, China, P.R.C., Czechoslovakia, Germany, Dem. Rep., Hungary, Outer Mongolia, Poland, Romania, U.S.S.R. and Yugoslavia.
e. Five-year averages.
f. Preliminary estimates.

TABLE 9:
SUPPLY & DEMAND OF WOOL IN THE U.S.[a]
MILLION POUNDS, SCOURED BASIS

ITEM	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
MILL CONSUMPTION OF WOOL											
APPAREL CLASS - DOMESTIC	91.2	92.1	77.4	142.2	119.7	151.8	153.3	123.0	154.3	154.4	140.7
- FOREIGN	37.3	32.4	47.3								
TOTAL APPAREL CLASS	**128.5**	**124.5**	**127.8**	**142.2**	**119.7**	**151.8**	**153.3**	**123.0**	**154.3**	**154.4**	**140.7**
CARPET CLASS	**13.1**	**9.9**	**10.0**	**10.7**	**9.8**	**10.7**	**9.9**	**11.7**	**10.2**	**13.2**	**15.4**
SUBTOTAL ABOVE[b]	**141.6**	**134.4**	**137.8**	**152.9**	**129.5**	**162.5**	**163.2**	**134.7**	**164.5**	**167.6**	**156.1**
CONSUMED ON THE COTTON SYSTEM[c]	3.0	2.5	3.8	2.7	1.8	3.3	5.5	4.2	4.1	6.9	6.8
TOTAL RAW WOOL	**144.6**	**136.9**	**141.6**	**155.6**	**131.3**	**165.8**	**168.7**	**138.9**	**168.6**	**174.5**	**162.9**
REPROCESSED - CARPET	16.8	17.0	10.5	10.9	9.8	8.1	7.6	5.3	9.5	7.9	3.8
- OTHER REUSED - OTHER											
TOTAL ABOVE	**161.4**	**153.9**	**152.1**	**166.5**	**141.1**	**173.9**	**176.3**	**144.2**	**178.1**	**182.4**	**166.7**
WOOL CONTENT OF IMPORTS											
TOPS[d]	0.6	0.4	0.3	0.3	0.5	0.8	3.2	2.0	1.8	1.0	0.7
YARNS	5.5	3.8	3.9	4.7	7.2	7.6	13.2	12.1	11.8	13.6	12.4
CARPETS & RUGS	13.9	13.9	16.9	18.1	19.6	34.8	51.1	59.2	60.6	51.9	40.6
FABRICS[e,f]	26.4	22.2	21.5	27.8	25.6	28.1	39.1	37.2	26.5	30.3	30.3
KNIT APPAREL	22.3	19.1	24.4	22.8	25.7	30.3	40.0	65.6	80.2	81.6	71.3
OTHER APPAREL	22.6	20.1	17.3	18.1	20.7	28.5	40.9	71.5	75.4	77.3	73.1
OTHER MANUFACTURES[g]	0.9	1.1	0.8	1.3	0.8	1.8	2.6	2.6	4.2	2.6	2.1
TOTAL IMPORTS	**92.2**	**80.6**	**85.1**	**93.1**	**100.1**	**131.9**	**190.1**	**250.2**	**260.5**	**258.3**	**230.5**
WOOL CONTENT OF EXPORTS											
CARPET	0.7	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.3
OTHER	10.9	13.7	23.5	11.6	10.6	9.6	9.4	15.8	14.0	21.2	27.5
TOTAL EXPORTS	**11.6**	**14.0**	**23.8**	**11.8**	**10.8**	**9.7**	**9.5**	**15.9**	**14.2**	**21.3**	**27.8**
NET IMPORTS	**80.6**	**66.6**	**61.3**	**81.3**	**89.3**	**122.2**	**180.6**	**234.3**	**246.3**	**237.0**	**202.7**
TOTAL DISAPPEARANCE	**242.0**	**220.5**	**213.4**	**247.8**	**230.4**	**296.1**	**356.9**	**378.5**	**424.4**	**419.4**	**369.4**
SUPPLY & DEMAND IN CARPETS & RUGS											
CARPET WOOL CONSUMPTION	13.1	9.9	10.0	10.7	9.8	10.7	9.9	11.7	10.2	13.2	15.4
IMPORTS OF CARPETS	13.9	13.9	16.9	18.1	19.6	34.8	51.1	59.2	60.6	51.9	40.6
EXPORTS OF CARPETS	0.7	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.3
TOTAL	**26.3**	**23.5**	**26.6**	**28.6**	**29.2**	**45.4**	**60.9**	**70.8**	**70.6**	**65.0**	**55.7**
% IMPORTS OF TOTAL	*53*	*59*	*63½*	*63½*	*67*	*76½*	*84*	*83½*	*86*	*80*	*73*
SUPPLY & DEMAND IN ALL OTHER PRODUCTS											
OTHER WOOL CONSUMPTION	148.3	144.0	142.1	155.8	131.3	163.2	166.4	132.5	167.9	169.2	151.3
IMPORTS	78.3	66.7	68.2	75.0	80.5	97.1	139.0	191.0	199.9	206.4	189.9
EXPORTS	10.9	13.7	23.5	11.6	10.6	9.6	9.4	15.8	14.0	21.2	27.5
TOTAL	**215.7**	**197.0**	**186.8**	**219.2**	**201.2**	**250.7**	**296.0**	**307.7**	**353.8**	**354.4**	**313.7**
% IMPORTS OF TOTAL	*36½*	*34*	*35½*	*34*	*40*	*38½*	*47*	*62*	*56½*	*58*	*61*

SOURCE: U.S. Department of Agriculture, ***Cotton and Wool Situation and Outlook Yearbook.***

a. Calendar years.
b. Agrees with ***Fiber Organon's*** Selected U.S. Monthly Fiber Data Tables.
c. Raw wool consumed on the cotton spinning system.
d. Includes advanced wool.
e. Includes pile fabric & manufactures, tapestry & upholstery, press & billiard cloths.
f. Primarily broad woven, plus knit & narrow fabrics after 1984.
g. Includes knit & narrow fabrics until 1985, blankets and miscellaneous manufactures not elsewhere specified.

DUE TO TARIFF SCHEDULE CODE CHANGES, THE U.S. DEPARTMENT OF AGRICULTURE RAW FIBER EQUIVALENT SURVEY FOR 1989 HAS NOT BEEN PUBLISHED.

NOVEMBER 1990 CAPACITY SURVEY ANALYSIS

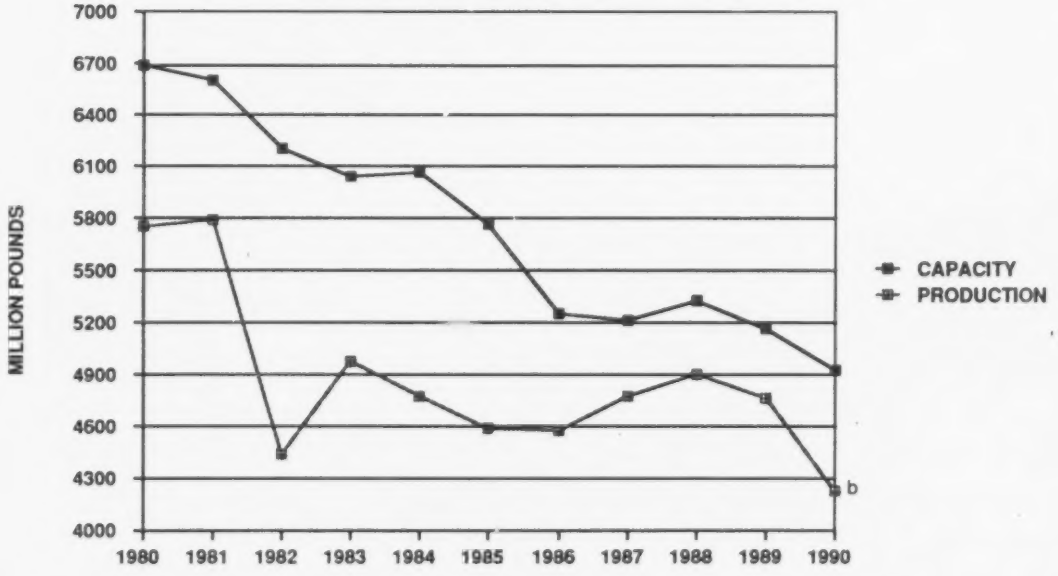
Total producing capacity for all manufactured fibers (except glass fiber) decreased by 42 million pounds, or 0.4% from 1989 levels, to reach 10,355 million pounds. Most of the decrease was in capacity for artificial (cellulosic) fiber to 541 million pounds, as synthetic (noncellulosic) fiber capacity increased 141 million pounds to reach 9,814 million pounds. (See Table 10)

Since the November 1989 Survey, synthetic (noncellulosic) filament capacity increased 208 million pounds to reach 5,126 million pounds. Within this category, nylon carpet capacity gained 29 million pounds, while nylon industrial yarn capacity decreased 43 million pounds. However, the increase in capacity for olefin is mainly due to a more thorough response and not because of additional capacity coming on stream. (See Table 11)

In the same period, producing capacity for synthetic (noncellulosic) staple+tow fell 67 million pounds. The capacities for polyester staple increased 114 million pounds and olefin staple rose by 20 million pounds, while the capacity for nylon staple decreased by 6 million pounds and acrylic+modacrylic staple fell by 195 million pounds, or 30%.

Producing capacity and production of five major apparel fibers decreased since 1989, but remain well below their 1980 levels. Since 1980, the producing capacity of apparel fiber has fallen 26% to 4,923 million pounds and production has declined 27% to 4,221 million pounds.

GRAPH 1:
APPAREL FIBER PRODUCTION VS. CAPACITY [a]



a. Data are based on textile nylon, textile polyester, polyester staple, acrylic+modacrylic and artificial (cellulosic) yarn+staple. The figures include some production and capacity for polyester staple and acrylic carpet yarn, and industrial rayon.
b. 1990 production data based on 11 months annualized.

TABLE 10:
U.S. MANUFACTURED FIBER PRODUCTION & PRODUCING CAPACITY
MILLION POUNDS

PERIOD	ARTIFICIAL (CELLULOSIC) FIBERS							SYNTHETIC (NONCELLULOSIC) FIBERS [a]			GRAND TOTAL MANUFACTURED FIBERS EXCLUDING GLASS FIBER			NON-ADD GLASS FIBER [d]
	FILAMENT YARN+MONOFIL			STAPLE+TOW			TOTAL	YARN +MONO	STAPLE +TOW	TOTAL	YARN +MONO [c]	STAPLE +TOW	TOTAL	
	RAYON	ACETATE [b]	TOTAL	RAYON	ACETATE [b]	TOTAL								
ACTUAL ANNUAL PRODUCTION														
1978	62	301	363	535	7	542	905	3830	3953	7783	4193	4495	8688	923
1979	57	317	374	549	7	556	930	4155	4282	8437	4529	4838	9367	1014
1980	47	309	356	443	7	450	806	3744	4148	7892	4100	4598	8698	867
1981	48	257	305	461	4	465	770	3815	4191	8006	4120	4656	8776	1041
1982	33	195	228	355	1	356	584	3057	3403	6460	3285	3759	7044	899
1983	36	228	264	375	1	376	640	3568	3970	7538	3832	4346	8178	1169
1984	41	198	239	389	+	389	628	3525	3947	7472	3764	4336	8100	1394
1985			205 g			353 g	558	3790	3773	7563	3995	4126	8121	NA
1986			215 g			404 g	619	3836	3992	7828	4051	4396	8447	NA
1987			191 g			414 g	605	4010	4306	8316	4201	4720	8921	NA
1988			214 g			400 g	614	4180	4346	8526	4394	4746	9140	NA
1989			218 g			363 g	581	4225	4290	8515	4443	4653	9096	NA
ACTUAL & PROJECTED CAPACITY, ANNUAL RATE, AS OF -														
NOV 1978 •	83	330	413	665	8	673	1086	4984	4571	9555	5397	5244	10641	1118
NOV 1979 •	75	355	430	671	8	679	1109	5106	4678	9784	5536	5357	10893	1305
NOV 1980 •	63	324	387	514	8	522	909	4913	4714	9627	5300	5236	10536	1473
NOV 1981 •	52	332	384	509	5	514	898	4746	4950	9696	5130	5464	10594	1561
NOV 1982 •	63	318	381	510	4	514	895	4553	4781	9334	4934	5295	10229	1718
NOV 1983 •	63	268	331	510	4	514	845	4447	4827	9274	4778	5341	10119	1618
NOV 1984 •	63	268	331	510	4	514	845	4479	4981	9460	4810	5495	10305	1743
NOV 1985 •			269 g	510	5	515	784	4668	4890	9558	4937	5405	10342	1769
NOV 1986 •			244 g			465 g	709	4545	4662	9207	4789	5127	9916	1763
NOV 1987 •			244 g			465 g	709	4557	4793	9350	4801	5258	10059	1842
NOV 1988 •			244 g			469 g	713	4743	4849	9592	4987	5318	10305	1729
NOV 1989 •			232 g			492 g	724	4918	4755	9673	5150	5247	10397	1822
NOV 1990 •			219 g			322 g	541	5126	4688	9814	5345	5010	10355	1824
MAY 1991 f			219 g			322 g	541	5256	4754	10010	5475	5076	10551	1876
NOV 1991 f			219 g			322 g	541	5316	4786	10102	5535	5108	10643	1920
MAY 1992 f			219 g			322 g	541	5367	4872	10239	5586	5194	10780	1931
NOV 1992 f			219 g			322 g	541	5385	4877	10262	5604	5199	10803	2009

NA No longer available.

a. Included are those listed in the November ***Fiber Organon*** issue, with the exception of Aramid fiber as of November 1983. Yarn+mono includes olefin film fiber and spunbonded polypropylene. Staple+tow includes fiberfill.

b. Data include diacetate and triacetate. The acetate staple+tow data do not include the large quantities for cigarette filtration.

c. Grand Total Yarn means the yarn+mono shown, excluding glass fiber.

d. Glass fiber, all types.

e. Actual producing capacity as of the date shown.

f. Future producing capacity planned for certain dates as of MAY 1991.

g. Detail withheld due to disclosure of company data.

TABLE 11:
SYNTHETIC (NONCELLULOSIC) FIBER CAPACITY DETAIL
MILLION POUNDS & *AVERAGE DENIER*

	FILAMENT YARN, MONOFIL & OLEFIN FILM FIBER											STAPLE, TOW & FIBERFILL					SYNTHETIC (NONCELLULOSIC) TOTAL
	NYLON+ARAMID				POLYESTER			OLEFIN [a]									
			TEXTILE			TEXTILE						NYLON + ARAMID	ACRYL +MOD ACRYL	POLY-ESTER	OLEFIN + VINYON [e]	TOTAL	
PERIOD	IND	CARP	LBS	DEN	IND	LBS	DEN	YARN	MONO[b]	FILM [b]	TOTAL						
NOV 1978 c	510	908	565	*53*	443	1643	*116*	174	347	394	4984	1023	865	2554	129	4571	9555
NOV 1979 c	513	950	579	*51*	443	1699	*114*	172	342	408	5106	1020	839	2673	146	4678	9784
NOV 1980 c	515	910	551	*52*	400	1637	*113*	120	350	430	4913	991	830	2759	134	4714	9627
NOV 1981 c	514	893	553	*49*	316	1481	*114*	178	356	455	4746	1010	835	2839	266	4950	9696
NOV 1982 c	474	925	513	*53*	338	1265	*119*	209	369	460	4553	978	832	2700	271	4781	9334
NOV 1983 c	440	907	494	*52*	337	1170	*122*	240	375	484	4447	1017	826	2704	280	4827	9274
NOV 1984 c	437	926	470	*57*	342	1162	*121*	270	386	486	4479	1054	807	2784	336	4981	9460
NOV 1985 c	437	965	466	*53*	374	1097	*126*	204	412	613	4668	1067	631	2785	407	4890	9558
NOV 1986 c	435	964	398	*51*	401	1021	*123*	286	407	633	4545	1077	637	2491	457	4662	9207
NOV 1987 c	418	1005	404	*49*	399	929	*121*	342	393	667	4557	1137	652	2522	482	4793	9350
NOV 1988 c	421	1053	423	*49*	408	968	*121*	392	399	679	4743	1137	642	2584	486	4849	9592
NOV 1989 c	420	1168	430	*48*	420	900	*115*	481	415	684	4918	1150	641	2464	500	4755	9673
NOV 1990 c	377	1197	450	*49*	433	908	*115*	579	501	681	5126	1144	446	2578	520	4688	9814
MAY 1991 d	377	1207	455	*49*	438	941	*117*	642	512	684	5256	1144	481	2598	531	4754	10010
NOV 1991 d	377	1212	470	*48*	470	946	*117*	642	514	685	5316	1154	501	2600	531	4786	10102
MAY 1992 d	377	1243	480	*48*	470	946	*117*	642	518	691	5367	1159	501	2620	592	4872	10239
NOV 1992 d	377	1250	480	*48*	475	946	*117*	648	518	691	5385	1159	506	2620	592	4877	10262

NOTE: As of the November 1983 survey, nylon capacity data no longer include Aramid Fiber.
IND Industrial yarn and monofil, i.e., coarser than 500 denier with an Instron tenacity of 7 grams or more per denier.
CARP Bulked continuous filament yarn for carpets.
TEXTILE Yarn & monofil for other (textile) applications. Low denier industrial yarn is tabulated here also.

a. Includes polyethylene & polypropylene. Not included here are data on spunbonded polyethylene, monofilament bristles and film fiber used for decorative or tying ribbons, etc.
b. Includes the circular and rectangular (ribbon) cross sections plus spunbonded polypropylene. Olefin film fiber includes slit and split or fibrillated film.
c. Actual producing capacity as of the date of survey.
d. Future producing capacity planned for certain dates as of MAY 1991.
e. Data since November 1986 do not include Vinyon.

NOTE: THE INCREASE IN CAPACITY FOR OLEFIN YARN, MONOFILAMENT AND FILM FIBER IS DUE TO A MORE THOROUGH RESPONSE AND NOT BECAUSE OF ADDITIONAL CAPACITY COMING ON STREAM.

SURVEY COVERAGE & DEFINITIONS

The survey figures shown in the table above cover the manufactured fibers in all their primary forms; i.e., filament yarn, monofilaments, polypropylene spunbonded and film fiber are tabulated as filament yarn, while staple, tow and fiberfill are tabulated as staple. The glass fiber data cover all primary forms of that fiber (yarn and strand, staple yarn and sliver, roving and cake, chopped and milled fiber and mat) although only an aggregate figure is published to avoid disclosure of individual company data. **Glass fiber data are no longer included with the filament yarn totals. The data were last published in the December 1984 issue.** The "capacity" to produce waste is not included in this survey.

Capacity is based on the current and projected "mix" of deniers, filament counts, packages, etc. It is **emphasized** that all figures refer to ***current*** and ***planned*** capacity. **They are not to be interpreted as a production forecast.**

Under the survey definitions, all productive equipment which is currently, or is planned to be, in operable condition is counted as capacity, regardless of whether it is actually producing fiber at the time the capacity measurement is taken. Equipment which is definitely scheduled for scrapping, or which has been scrapped since the last survey, is excluded from the capacity tabulation. The capacity data reflect ***potential***, rather than ***operating*** capacity.

TABLE 12:
WORLDWIDE MANUFACTURED FIBER PRODUCTION & PRODUCING CAPACITY EXCEPT OLEFIN
MILLION POUNDS

MANUFACTURED FIBER PRODUCTION

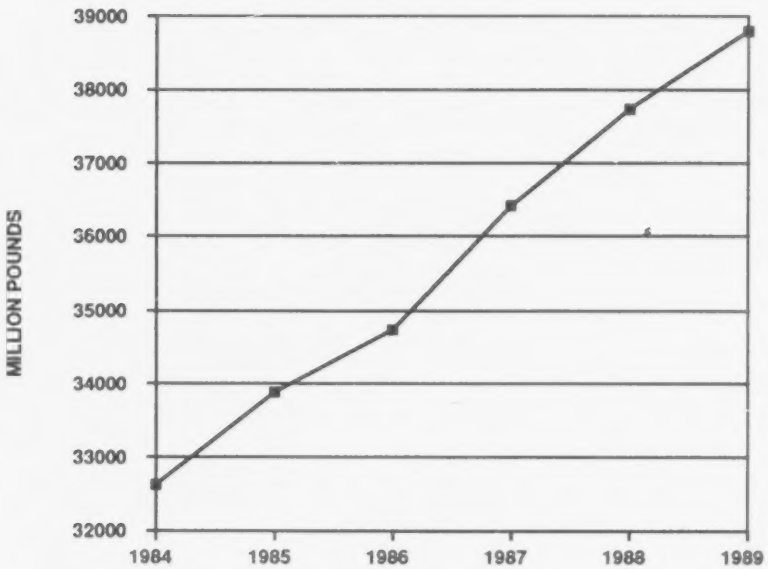
YEAR	WORLD TOTAL		U.S.A.		WEST EUROPE		EAST EUROPE		JAPAN		CHINA P.R.C.		KOREA REP. OF		TAIWAN		REST OF WORLD	
	POUNDS	%	POUNDS	%	POUNDS	%	POUNDS	%	POUNDS	%	POUNDS	%	POUNDS	%	POUNDS	%	POUNDS	%
1984	32620	100	7103	22	6630	20	5500	17	3851	12	1571	5	1674	5	2204	7	4087	12
1985	33993	100	6872	20	6903	20	5645	17	3948	12	2013	6	1820	5	2525	7	4267	13
1986	34831	100	7054	20	6807	20	5805	17	3694	11	2051	6	1932	6	2981	9	4507	11
1987	36528	100	7427	20	6818	19	5940	16	3618	10	2277	6	2170	6	3331	9	4947	14
1988	38029	100	7552	20	6896	18	6103	16	3621	10	2750	7	2491	7	3430	9	5186	13
1989	38781	100	7457	19	6923	18	6058	16	3638	9	2987	8	2657	7	3683	9	5378	14

MANUFACTURED FIBER PRODUCING CAPACITY [a]

YEAR	WORLD TOTAL		U.S.A.		WEST EUROPE		EAST EUROPE		JAPAN		CHINA P.R.C.		KOREA REP. OF		TAIWAN		REST OF WORLD	
	POUNDS	%	POUNDS	%	POUNDS	%	POUNDS	%	POUNDS	%	POUNDS	%	POUNDS	%	POUNDS	%	POUNDS	%
1984	39017	100	8857	23	7964	20	6681	17	4156	11	2189	6	1715	4	2250	6	5205	13
1985	41017	100	8636	21	8102	20	7132	18	4607	11	2310	6	1773	4	2622	6	5835	14
1986	42187	100	8163	19	8116	19	7147	17	4776	11	2302	6	1981	5	3380	8	6322	15
1987	42812	100	8205	19	8189	19	7365	17	4778	11	2474	6	2034	5	3177	8	6590	15
1988	44958	100	8379	19	8293	18	7494	17	4750	11	2901	6	2398	5	3669	8	7074	16
1989	47461	100	8317	18	8188	17	7650	16	4649	10	3560	8	2702	5	4158	9	8237	17
1990	48454	100	8074	17	8393	17	7829	16	4613	10	3724	8	3043	5	4400	9	8378	18

SOURCE: *Fiber Organon* Worldwide Fiber Production & Producing Capacity Survey July 1990, and this issue page 274.
a. Capacity as of November of each year for the U.S.A. and as of March of each year for the other areas.

GRAPH 2:
WORLDWIDE MANUFACTURED FIBER PRODUCTION
(EXCEPT OLEFIN)



GRAPH 3:
WORLDWIDE MANUFACTURED FIBER PRODUCING CAPACITY
(EXCEPT OLEFIN)

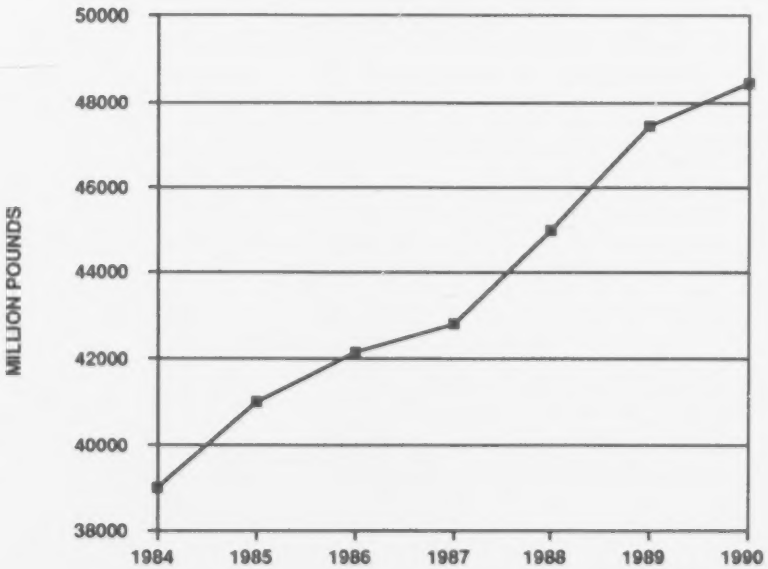


TABLE 13:
FILAMENT YARN DOMESTIC SHIPMENTS [a]

MILLION POUNDS

ITEM		ANNUAL DATA				QUARTERLY DATA 1989				QUARTERLY DATA 1990			
		1986	1987	1988	1989	1ST Q	2ND Q	3RD Q	4TH Q	1ST Q	2ND Q	3RD Q	4TH Q
HOSIERY [b]	N	95.1	93.2	100.3	j	j	j	j	j	j	j	j	
OTHER CIRCULAR KNIT [c]	N	21.3	25.3	26.4	139.1	32.5	33.8	34.8	38.0	29.8	34.7	29.8	
	P	150.3	102.8	119.5	132.4	40.4	33.5	31.1	27.4	28.0	31.6	33.0	
	C	2.0	1.1	0.6	0.5	0.2	0.1	0.1	0.1	0.2	0.2	0.2	
FLAT KNIT	C	47.8	27.9	24.3	21.4	6.1	7.5	3.7	4.1	5.1	4.5	2.9	
	N	133.8	131.4	133.4	125.2	36.0	34.4	29.8	25.0	23.3	26.2	27.7	
	P	167.1	162.5	162.1	181.0	46.0	47.7	44.5	42.8	33.6	38.7	36.5	
CARPET FACE	N	881.4	916.0	938.3	932.3	225.0	233.8	243.7	229.8	239.6	232.1	232.6	
	O	215.7	244.5	266.6	249.9	69.0	63.3	60.2	57.4	84.7	89.5	95.5	
CARPET BACKING [d]	O	404.1	425.3	427.0	463.4	105.4	123.4	120.6	114.0	116.7	117.3	111.3	
OTHER BROAD WOVEN [e]	C	126.3	122.8	141.9	149.4	35.6	38.5	37.8	37.5	33.8	37.0	41.5	
	N	76.2	79.4	78.3	88.8	21.1	22.6	21.9	23.2	24.9	24.1	24.1	
	P	344.4	379.4	391.3	366.3	100.7	106.1	80.7	78.8	83.8	94.8	92.3	
	O	271.5	317.7	337.3	337.5	88.8	84.3	83.6	80.8	91.1	111.8	109.2	
NARROW WOVEN [f]	C	2.0	2.2	4.4	4.4	1.7	0.8	1.0	0.9	0.8	1.3	0.5	
	N	33.9	42.1	42.0	36.9	9.5	10.2	8.4	8.8	8.2	8.8	9.3	
	P	44.0	66.2	81.0	76.4	18.8	23.2	20.0	14.4	16.6	17.9	17.4	
	O	17.5	17.7	19.0	19.8	4.8	4.7	5.2	5.1	3.9	4.4	4.7	
TIRES, INCL. CHAFER [g]	N	134.2	143.0	132.2	135.7	34.3	33.6	32.6	35.2	31.0	32.8	28.9	
	P	159.3	162.8	171.8	169.3	41.7	43.6	42.3	41.7	40.9	42.6	40.4	
OTHER RUBBER INDUSTRY [c g]	N	15.2	16.4	20.4	18.1	4.5	4.4	5.0	4.2	5.0	4.6	3.1	
	P	27.2	34.5	25.2	32.7	6.3	8.2	8.9	9.3	8.9	13.0	9.4	
ROPE, CORDAGE & FISHLINE	N	36.4	37.9	36.4	34.2	8.8	9.2	7.9	8.3	9.5	9.3	9.9	
	P	13.0	13.4	12.5	14.4	3.2	3.8	3.5	3.9	4.0	3.8	3.8	
	O	106.3	106.7	120.3	125.6	33.5	30.4	24.9	36.8	28.6	30.6	25.2	
ALL OTHER [h]	C	14.0	12.8	11.4	11.6	2.4	3.4	3.0	2.8	0.2	0.3	0.2	
	N	52.1	69.6	64.7	65.0	16.2	17.7	16.8	14.3	11.2	10.6	12.4	
	P	187.1	191.8	194.0	138.2	34.9	37.5	33.1	32.7	25.9	29.5	27.1	
	O	34.1	23.6	29.6	29.8	6.5	9.4	7.1	6.8	10.8	11.8	10.6	
TOTAL ABOVE	**C**	**192.1**	**166.8**	**182.6**	**187.3**	**46.0**	**50.3**	**45.6**	**45.4**	**40.1**	**43.3**	**45.3**	
	N	**1479.6**	**1554.3**	**1572.4**	**1575.3**	**387.9**	**399.7**	**400.9**	**386.8**	**382.5**	**383.2**	**377.8**	
	P	**1092.4**	**1113.4**	**1157.4**	**1110.7**	**292.0**	**303.6**	**264.1**	**251.0**	**241.7**	**271.9**	**259.9**	
	O	**1049.2**	**1135.5**	**1199.8**	**1226.0**	**308.0**	**315.5**	**301.6**	**300.9**	**335.8**	**365.4**	**356.5**	
TOTAL DOMESTIC		**3813.3**	**3970.0**	**4112.2**	**4099.3**	**1033.9**	**1069.1**	**1012.2**	**984.1**	**1000.1**	**1063.8**	**1039.5**	
ALSO DIVIDED AS													
APPAREL		*962.4*	*930.2*	*941.2*	*924.7*	*253.4*	*253.3*	*217.1*	*200.9*	*192.4*	*216.6*	*210.3*	
HOME FURNISHINGS		*1738.0*	*1838.4*	*1902.6*	*1927.2*	*468.6*	*498.1*	*489.9*	*470.6*	*511.3*	*514.9*	*512.9*	
INDUSTRIAL		*1112.9*	*1201.4*	*1268.4*	*1247.4*	*311.9*	*317.7*	*305.2*	*312.6*	*296.4*	*332.3*	*316.3*	
SHIPMENTS OF FEED & PRODUCER-TEXTURED YARN (NONCARPET) [i]													
NYLON		115.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
POLYESTER		634.6	626.3	649.9	597.3	164.5	164.0	138.7	130.1	123.2	144.6	140.3	
OLEFIN		22.9	26.6	24.4	26.0	6.9	4.5	8.0	6.6	7.4	8.0	6.9	

(C) CELLULOSIC YARN *(N) NYLON* *(P) POLYESTER* *(O) OLEFIN*

NA No longer available.

a. Filament yarn plus monofilament shipments by primary trade or end use; olefin includes spunbonded polypropylene but does not include spunbonded polyethylene.

b. Small quantities of polyester and cellulosic yarn are included in All Other.

c. Small quantities of olefin are included in All Other.

d. Small quantities of nylon and polyester are included in All Other.

e. Other Broad Woven except carpets, tire fabric, flat belting, etc.

f. Narrow Woven includes apparel ribbons and braids, auto seat belts and/or furniture webbing.

g. Cellulosic yarn quantities included in All Other.

h. All Other includes sewing thread and other industrial applications. The olefin quantities include sliver knit backing. Also includes indirect exports.

i. These quantities are included in the Total Domestic area above.

j. Nylon quantities are included in Other Circular Knit.

TABLE 14:
STAPLE+TOW DOMESTIC SHIPMENTS

MILLION POUNDS

ITEM		ANNUAL DATA 1986	1987	1988	1989	QUARTERLY DATA 1989 1ST Q	2ND Q	3RD Q	4TH Q	1990 1ST Q	2ND Q	3RD Q	4TH Q
HOSIERY, SWEATERS & CRAFT YARNS[a]	A	228.8	192.4	183.2	174.5	48.4	47.3	41.5	37.3	41.0	32.0	32.2	
	NPR	5.0	3.5	2.7	2.1	0.6	0.4	0.5	0.6	0.6	0.5	0.6	
PILE FABRICS[b]	A	23.2	20.8	21.3	20.0	5.1	6.0	5.0	3.9	4.2	4.4	3.5	
	P	15.0	19.7	14.7	15.3	3.7	4.0	4.1	3.5	3.5	3.5	2.8	
OTHER CIRCULAR KNIT + FLAT KNIT[c]	R	4.7	3.7	2.5	NA	NA	NA	NA	NA	NA	NA	NA	
	A	196.3	185.1	139.0	132.4	35.7	34.9	36.4	25.4	32.5	33.8	26.0	
	P	367.8	453.3	470.0	519.5	127.8	131.4	132.0	128.3	123.4	129.1	117.8	
BLANKETS[b]	A	26.7	25.7	25.1	29.8	7.4	9.3	8.0	5.1	i	i	i	
	P	3.7	9.2	6.9	9.2	2.3	2.9	2.4	1.6	1.4	0.6	0.5	
OTHER BROAD WOVEN	R	218.0	230.7	243.0	NA	NA	NA	NA	NA	NA	NA	NA	
	N	37.0	38.7	35.2	32.7	8.1	7.8	8.7	8.1	6.2	8.6	7.0	
	A	35.3	41.7	39.3	40.5	12.6	11.5	7.9	8.5	13.4	13.7	11.6	
	P	885.6	839.2	863.5	821.8	200.8	226.4	197.6	197.0	165.7	173.4	172.9	
	O	18.0	20/2	17.1	33.4	5.2	9.0	9.1	10.1	5.2	4.4	4.9	
CARPET FACE YARNS[f]	R	0.4	+	0.4	NA	NA	NA	NA	NA	NA	NA	NA	
	N	837.8	905.1	887.7	894.9	226.3	217.3	230.3	221.0	230.2	227.9	223.4	
	P	145.0	209.0	261.2	211.6	60.1	51.3	48.6	51.6	48.0	40.1	40.4	
	O	117.2	116.2	138.2	137.7	38.5	35.1	32.9	31.2	34.2	33.7	31.4	
FIBERFILL[d]	P	294.9	348.6	357.2	349.5	90.4	93.6	79.2	86.3	90.6	90.8	92.4	
FLOCK	NP	5.9	5.5	6.9	7.5	1.8	1.7	1.7	2.3	1.9	2.6	2.2	
	R	1.8	0.9	0.1	NA	NA	NA	NA	NA	NA	NA	NA	
NONWOVENS[e]	R	125.4	124.4	122.3	NA	NA	NA	NA	NA	NA	NA	NA	
	N	2.1	1.9	2.1	2.4	0.7	0.6	0.6	0.5	0.6	0.7	0.9	
	P	175.4	204.2	244.1	271.5	68.0	71.7	65.8	66.0	54.4	60.0	59.8	
	g VINYON+O	166.2	198.0	180.9	183.0	46.1	46.7	46.8	43.4	52.2	61.8	57.6	
ALL OTHER	R	20.8	22.7	17.2	NA	NA	NA	NA	NA	NA	NA	NA	
	N	11.9	14.8	13.7	17.8	5.3	3.8	4.3	4.4	3.9	3.2	2.1	
	A	20.9	13.6	13.2	17.4	3.7	3.4	4.0	6.3	7.7	10.1	10.7	
	P	108.3	115.0	91.3	61.0	21.5	12.9	13.0	13.6	14.8	13.0	7.1	
	g VINYON+O	11.3	6.7	8.0	9.3	1.8	2.7	2.6	2.2	2.4	2.1	2.9	
TOTAL ABOVE	**R**	**373.0**	**383.1**	**386.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	
	N	**894.9**	**966.0**	**944.9**	**955.3**	**242.0**	**231.2**	**245.8**	**236.3**	**242.6**	**243.1**	**235.7**	
	A	**531.2**	**479.3**	**421.1**	**414.8**	**112.9**	**112.4**	**102.8**	**86.7**	**98.8**	**94.0**	**84.0**	
	P	**1998.6**	**2201.0**	**2311.8**	**2261.3**	**575.4**	**594.6**	**543.0**	**548.3**	**502.6**	**510.9**	**494.2**	
	g VINYON+O	**312.7**	**341.1**	**344.2**	**363.4**	**91.6**	**93.5**	**91.4**	**86.9**	**94.0**	**102.0**	**96.8**	
TOTAL DOMESTIC		**4110.4**	**4370.5**	**4408.0**	**3994.8**	**1021.9**	**1031.7**	**983.0**	**958.2**	**938.0**	**950.0**	**910.7**	
ALSO DIVIDED AS													
APPAREL		*1489.3*	*1479.9*	*1421.6*	*1266.8*	*323.3*	*347.1*	*313.4*	*283.0*	*278.8*	*274.0*	*259.0*	
HOME FURNISHINGS		*1625.8*	*1755.8*	*1827.5*	*1695.7*	*439.0*	*418.4*	*421.2*	*417.1*	*414.0*	*406.1*	*393.7*	
INDUSTRIAL		*995.3*	*1134.8*	*1158.9*	*1032.3*	*259.6*	*266.2*	*248.4*	*258.1*	*245.2*	*269.9*	*258.0*	

(R) RAYON (N) NYLON (A) ACRYLIC+MODACRYLIC (P) POLYESTER (O) OLEFIN

NA No longer available.

a. Olefin quantities are included in All Other.
b. Rayon and nylon quantities are included in All Other.
c. Nylon quantities are included in All Other.
d. Rayon, acrylic and nylon quantities are included in All Other.
e. Wet & dry laid and needled batts only
f. Acrylic and nylon quantities are included in All Other.
g. 1987-1990 data exclude Vinyon.
h. Rayon staple+tow data no longer available in 1989 - 1990.
I. Acrylic quantities are included in All Other.

TABLE 15:
U.S. MANUFACTURED FIBER IMPORTS
THOUSAND POUNDS

ITEM	1990 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1990	1989
ARTIFICIAL (CELLULOSIC) FIBER														
FILAMENT YARN														
HIGH TENACITY	242	208	240	163	110	92	266	421	186	190			2098	2047
TEXTURED	54	8	0	33	32	81	32	43	72	9			364	1284
OTHER	1385	1371	1471	1528	2171	1855	1524	1682	2100	1992			17079	17775
MONOFILAMENTS & STRIPS	150	37	152	38	38	37	107	1	42	1			603	897
SUBTOTAL ABOVE	**1831**	**1624**	**1863**	**1762**	**2351**	**2065**	**1929**	**2147**	**2380**	**2192**			**20144**	**22003**
STAPLE	5989	5884	6154	6846	7218	8895	11534	11829	10270	12266			86885	45064
TOW	312	210	307	342	331	230	460	710	610	677			4189	601
TOPS	3	0	0	3	0	0	0	0	0	1			7	55
SUBTOTAL ABOVE	**6304**	**6094**	**6461**	**7191**	**7549**	**9125**	**11994**	**12539**	**10880**	**12944**			**91081**	**45720**
WASTE	**0**	**0**	**0**	**22**	**0**	**88**	**44**	**11**	**168**	**88**			**421**	**538**
SYNTHETIC (NONCELLULOSIC) FIBERS														
FILAMENT YARN														
NYLON														
HIGH TENACITY	1435	856	1437	1000	1336	1220	1207	1272	1301	1869			12933	16181
TEXTURED														
UP TO 450 DENIER	270	333	253	338	520	212	297	327	279	220			3049	3145
OVER 450 DENIER	2936	1350	2132	3039	3721	3074	3821	2935	2316	1241			26565	11314
POY	0	0	0	0	0	0	1712	2149	1417	2420			7698	0
OTHER	4531	3817	4273	2090	2435	3285	340	579	67	71			21488	39653
MONOFILAMENTS & STRIPS	216	117	148	191	134	164	152	123	55	131			1431	1065
SUBTOTAL ABOVE	**9388**	**6473**	**8243**	**6658**	**8146**	**7955**	**7529**	**7385**	**5435**	**5952**			**73164**	**71358**
POLYESTER														
HIGH TENACITY	614	408	506	421	345	457	545	580	712	578			5166	6941
TEXTURED	785	643	626	923	581	1368	1278	1112	1021	654			8991	17250
POY	719	119	117	758	251	716	206	472	495	296			4149	15115
OTHER	2038	1457	1459	1683	1949	1300	1243	1839	1363	2036			16367	15848
MONOFILAMENTS & STRIPS	53	0	67	40	53	38	57	76	102	47			533	664
SUBTOTAL ABOVE	**4209**	**2627**	**2775**	**3825**	**3179**	**3879**	**3329**	**4079**	**3693**	**3611**			**35206**	**55818**
OTHER SYNTHETIC FILAMENT														
TEXTURED	1451	1408	2224	1880	2281	1847	2207	1905	1393	1562			18158	17166
OTHER	277	223	301	276	307	324	410	284	207	305			2914	5851
MONOFILAMENTS & STRIPS	611	660	602	601	681	405	574	540	412	526			5612	6296
SUBTOTAL ABOVE	**2339**	**2291**	**3127**	**2757**	**3269**	**2576**	**3191**	**2729**	**2012**	**2393**			**26684**	**29313**
STAPLE														
NYLON	4048	3037	4055	3032	3267	2179	2715	3119	2750	2653			30855	16223
POLYESTER	9261	5813	9622	6652	12118	11296	10832	8084	10869	12640			97187	95868
ACRYLIC	1711	1729	2063	1586	860	1458	1273	890	1315	1764			14649	15009
POLYPROPYLENE	543	37	160	27	105	90	173	168	5	130			1438	1837
OTHER	196	190	320	146	151	362	251	256	326	171			2369	3794
TOW														
NYLON	409	308	555	385	603	471	647	408	277	335			4398	3680
POLYESTER	15	70	70	2	26	174	161	146	114	92			870	927
ACRYLIC	2512	1973	2649	2252	2133	1350	513	967	1862	1469			17680	17070
OTHER	70	5	35	105	135	0	6	67	0	58			481	412
TOPS	102	479	321	217	148	127	57	226	120	122			1919	2759
SUBTOTAL ABOVE	**18867**	**13641**	**19850**	**14404**	**19546**	**17507**	**16628**	**14331**	**17638**	**19434**			**171846**	**157579**
WASTE														
NYLON	2694	2074	1628	1933	1267	1940	2123	1864	1127	1818			18468	19062
POLYESTER	2703	2241	1882	1067	3127	2128	1675	1978	1522	2900			21223	12261
OTHER	444	571	1027	602	838	876	568	819	718	680			7143	5768
TOTAL MANUFACTURED FIBERS ABOVE	**48779**	**37636**	**46856**	**40221**	**49272**	**48139**	**49010**	**47882**	**45573**	**52012**			**465380**	**419420**
OTHER MFRD. FIBER YARN & THREAD														
SEWING THREAD														
FILAMENT	115	59	54	62	59	121	89	147	89	88			883	1130
SPUN YARN	427	503	318	594	534	436	436	608	542	586			4984	4375
SPUN YARNS														
SYNTHETIC	2420	2155	2639	1902	2841	2270	1903	1731	1521	1617			20999	44072
ARTIFICIAL	0	0	0	0	0	0	0	0	0	0			0	0
PUT UP FOR RETAIL SALE	32	24	70	34	87	88	108	156	85	86			748	532
GRAND TOTAL ABOVE	**51773**	**40377**	**49937**	**42813**	**52793**	**51054**	**51544**	**50524**	**47790**	**54389**			**492994**	**469529**

SOURCE: U.S. Census Bureau Report IM145X.

TABLE 16:
U.S. MANUFACTURED FIBER EXPORTS
THOUSAND POUNDS

ITEM	1990 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1990	1989
ARTIFICIAL (CELLULOSIC) FIBER														
FILAMENT YARN														
HIGH TENACITY	92	37	44	6	45	157	260	52	160	133			986	490
TEXTURED	217	9	30	284	101	114	104	92	9	28			988	1628
OTHER	66	106	57	64	46	18	63	64	49	71			604	963
MONOFILAMENTS & STRIPS	97	0	15	11	26	3	9	15	21	40			237	247
SUBTOTAL ABOVE	**472**	**152**	**146**	**365**	**218**	**292**	**436**	**223**	**239**	**272**			**2815**	**3328**
STAPLE	1195	2051	1838	1329	1645	1171	1168	1717	661	933			13706	16884
TOPS	333	0	203	187	185	58	0	110	86	43			1205	716
SUBTOTAL ABOVE	**1528**	**2051**	**2041**	**1516**	**1830**	**1229**	**1168**	**1827**	**747**	**976**			**14913**	**17600**
WASTE	**330**	**407**	**614**	**547**	**603**	**587**	**329**	**471**	**673**	**834**			**5395**	**10045**
SYNTHETIC (NONCELLULOSIC) FIBERS														
FILAMENT YARN														
NYLON														
HIGH TENACITY	7757	7357	9332	8892	15463	10230	8865	10506	11992	11232			101626	90092
TEXTURED														
UP TO 450 DENIER	1571	588	626	2098	791	751	644	867	732	960			9628	7832
OVER 450 DENIER	5636	4353	5225	4130	3350	4019	3295	4157	3642	4017			41824	41641
OTHER	2637	2264	3143	2401	2191	2066	1248	2562	2389	2999			23900	20913
MONOFILAMENTS & STRIPS	8	32	93	33	42	35	14	12	29	61			359	1810
SUBTOTAL ABOVE	**17609**	**14594**	**18419**	**17554**	**21837**	**17101**	**14066**	**18104**	**18784**	**19269**			**177337**	**162288**
POLYESTER														
HIGH TENACITY	4308	5166	5459	4737	3944	4664	3644	3610	3649	4788			43969	34175
TEXTURED	3074	3021	4078	3508	3650	4310	1507	3938	4030	4641			35757	28601
POY	1831	2368	1287	1783	2918	1306	749	966	438	737			14383	15471
OTHER	1297	1746	1824	1275	2294	1566	1061	2504	1899	2757			18223	8734
MONOFILAMENTS & STRIPS	185	285	91	93	188	186	116	137	180	362			1823	2601
SUBTOTAL ABOVE	**10695**	**12586**	**12739**	**11396**	**12994**	**12032**	**7077**	**11155**	**10196**	**13285**			**114155**	**89582**
OTHER SYNTHETIC FILAMENT														
TEXTURED	535	523	549	801	424	434	461	758	669	267			5421	7908
OTHER	2035	2007	2279	2972	4061	1909	1369	2229	1447	2373			22681	16390
MONOFILAMENTS & STRIPS	876	913	1664	1218	1223	1230	831	1160	643	1094			10852	7669
SUBTOTAL ABOVE	**3446**	**3443**	**4492**	**4991**	**5708**	**3573**	**2661**	**4147**	**2759**	**3734**			**38954**	**31967**
STAPLE														
NYLON	3163	2765	2343	3257	2210	1729	1591	1908	2150	2244			23360	27763
POLYESTER	7157	6405	9490	7701	8861	6382	4256	5919	6006	6836			69013	99320
ACRYLIC	4584	3178	3882	3936	4697	6363	4961	6581	3974	3338			45494	65394
POLYPROPYLENE	2038	1561	2666	3226	2211	2805	2562	2342	1981	2134			23526	24853
OTHER	2688	923	1504	961	1818	1062	802	1559	879	876			13072	17373
TOW														
NYLON	121	176	155	304	145	191	152	128	140	202			1714	646
POLYESTER	18	64	0	100	6	52	321	54	36	92			743	3591
ACRYLIC	1710	1787	989	956	1245	1506	2418	2856	4306	1158			18931	16619
OTHER	26	12	15	243	0	679	7	504	22	24			1532	1038
TOPS	3984	2729	2309	4760	2552	4741	7817	5715	6128	5268			46003	17759
SUBTOTAL ABOVE	**25489**	**19600**	**23353**	**25444**	**23745**	**25510**	**24887**	**27566**	**25622**	**22172**			**243388**	**274356**
WASTE														
NYLON	4117	4250	3894	2746	3957	3139	3630	2527	3173	3145			34578	23467
POLYESTER	3268	2845	2782	3321	2596	1833	1190	1860	3163	3482			26340	36681
OTHER	3343	3700	4979	4352	4994	6193	3494	7610	7618	6938			53221	62528
TOTAL MANUFACTURED FIBERS ABOVE	**70297**	**63628**	**73459**	**72232**	**78482**	**71489**	**58938**	**75490**	**72974**	**74107**			**711096**	**711842**
OTHER MFRD. FIBER YARN & THREAD														
SEWING THREAD														
FILAMENT	28	45	32	25	68	13	128	3	58	28			428	588
SPUN YARN	0	0	0	0	0	0	0	0	0	0			0	0
SPUN YARNS														
SYNTHETIC	3007	4304	3749	4278	4103	3890	3415	5684	5207	4807			42444	29462
ARTIFICIAL	0	0	0	0	0	0	0	0	0	0			0	0
PUT UP FOR RETAIL SALE	287	398	641	746	789	715	970	927	1209	1423			8105	6603
GRAND TOTAL ABOVE	**73619**	**68375**	**77881**	**77281**	**83442**	**76107**	**63451**	**82104**	**79448**	**80365**			**762073**	**748495**

SOURCE: U.S. Census Bureau Report EM522.

TABLE 17:
SELECTED U.S. MANUFACTURED FIBER IMPORTS BY COUNTRY OF ORIGIN
THOUSAND POUNDS

ITEMS & COUNTRY	1990 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1990	1989
ARTIFICIAL (CELLULOSIC) YARN, MONOFIL & STRIPS														
AUSTRIA	67	3	1	89	68	83	159	69	0	48			587	299
BRAZIL	25	53	53	74	165	107	82	83	75	67			785	620
CANADA	628	303	171	405	377	432	350	555	647	781			4649	6212
CHILE	0	309	66	44	287	44	111	0	132	22			1015	268
GERMANY, FED. REP. OF	422	516	844	684	783	506	528	557	1044	670			6554	6584
IRELAND	145	0	36	35	34	36	105	0	36	0			427	561
JAPAN	104	72	111	104	170	164	29	117	63	75			1009	1113
KOREA, REP. OF	0	22	33	22	29	0	11	0	22	0			139	194
MEXICO	102	4	121	78	100	116	149	171	37	154			1032	1415
NETHERLANDS	282	264	345	178	275	483	317	444	211	290			3089	2726
UNITED KINGDOM	34	22	60	0	38	52	51	64	30	0			351	921
ALL OTHER COUNTRIES [a]	21	56	22	49	25	42	37	87	83	85			507	1090
TOTAL ARTIFICIAL YARN	**1831**	**1624**	**1863**	**1762**	**2351**	**2065**	**1929**	**2147**	**2380**	**2192**			**20144**	**22003**
ARTIFICIAL (CELLULOSIC) STAPLE+TOW+TOPS														
AUSTRIA	319	493	108	1254	910	2497	1851	2076	1630	1641			12779	3642
CANADA	4973	3854	4391	4333	4128	4049	4139	3767	3470	4028			41132	32371
GERMANY, FED. REP. OF	89	134	257	322	347	243	484	760	706	690			4032	1418
JAPAN	143	204	126	131	238	69	176	144	191	123			1545	1989
POLAND	124	171	43	46	0	109	35	0	0	0			528	275
SWEDEN	118	71	49	72	0	4	24	199	0	145			682	131
SWITZERLAND	0	27	0	14	0	0	0	41	54	41			177	561
TAIWAN	354	988	1323	964	1732	1242	1294	1576	1637	1722			12832	1080
UNITED KINGDOM	89	93	73	37	162	46	917	1116	906	729			4168	1171
ALL OTHER COUNTRIES [b]	95	59	91	18	32	866	3074	2860	2286	3825			13206	3082
TOTAL ARTIFICIAL STAPLE+TOW	**6304**	**6094**	**6461**	**7191**	**7549**	**9125**	**11994**	**12539**	**10880**	**12944**			**91081**	**45720**
SYNTHETIC (NONCELLULOSIC) YARN, MONOFIL & STRIPS														
ARGENTINA	0	0	43	34	9	0	81	26	0	1			194	3338
BELGIUM	776	122	589	594	1384	786	322	457	539	189			5758	2896
BRAZIL	70	71	57	180	118	76	47	14	14	28			675	1164
CANADA	3834	2895	4150	3775	4492	3853	4734	5215	3831	3564			40343	32082
COSTA RICA	762	517	497	462	787	470	366	294	518	479			5152	4945
ECUADOR	53	16	67	67	75	34	68	34	34	34			482	515
FRANCE	2007	1305	1065	1378	1223	1302	915	495	193	315			10198	10532
GERMANY, FED. REP. OF	2096	2021	1480	1548	2024	1917	2195	2261	1579	2232			19351	24187
ITALY	892	434	593	905	861	313	755	313	217	70			5353	6345
JAPAN	760	658	505	573	356	622	489	615	347	706			5611	7525
KOREA, REP. OF	31	0	90	20	46	42	72	39	81	66			487	452
MEXICO	1393	900	1607	1396	1145	1967	2063	1966	1611	1595			15643	22546
NETHERLANDS	103	305	921	219	117	195	231	209	193	239			2732	1888
PORTUGAL	62	234	49	42	62	0	0	0	0	0			449	340
SINGAPORE	16	16	0	0	33	0	33	0	0	33			131	139
TAIWAN	791	227	114	818	437	959	315	542	579	262			5044	16442
THAILAND	58	93	95	123	64	65	66	79	92	31			766	931
UNITED KINGDOM	1881	1492	2076	1029	1282	1718	1195	1140	1149	1926			14888	16513
ALL OTHER COUNTRIES [c]	351	85	147	79	79	91	122	194	163	186			1497	3709
TOTAL SYNTHETIC YARN	**15936**	**11391**	**14145**	**13249**	**14594**	**14410**	**14049**	**13893**	**11140**	**11956**			**134754**	**156489**
SYNTHETIC (NONCELLULOSIC) STAPLE+TOW+TOPS														
AUSTRIA	0	53	11	11	6	14	6	0	244	17			362	118
AUSTRALIA	38	120	30	72	63	106	89	88	139	54			799	694
BELGIUM	1	16	0	158	0	78	15	350	0	0			618	1124
CANADA	3703	2439	3082	2325	2156	1402	1950	2210	2016	1791			23074	11385
FRANCE	592	297	769	436	558	364	529	368	259	321			4493	3246
GERMANY, FED. REP. OF	1017	1236	1063	1205	1618	1398	1044	964	904	1082			11531	14959
INDIA	1731	1055	4215	0	2528	1752	1810	599	0	43			13733	17277
IRELAND	0	26	0	0	0	84	80	121	118	40			469	1449
ITALY	422	318	534	204	206	176	85	88	82	74			2189	1967
JAPAN	1754	1763	2307	1539	1531	1874	2013	2150	1935	2543			19409	21883
KOREA, REP. OF	1786	1273	1778	2043	3441	4750	4477	3887	6448	6527			36410	39014
MEXICO	3590	2041	2015	2355	3385	1382	932	1002	1546	2663			20911	6376
NETHERLANDS	1	0	57	20	10	20	0	24	7	4			143	1522
SPAIN	35	0	0	0	0	93	32	29	69	30			288	452
SWITZERLAND	399	124	87	385	107	280	105	220	176	85			1968	1450
TAIWAN	888	572	931	1400	1476	1215	1458	1365	1452	2198			12955	16025
TURKEY	112	114	0	0	0	0	76	0	366	36			704	630
UNITED KINGDOM	2249	1868	2834	2159	2242	1157	828	841	1828	1424			17430	17401
ALL OTHER COUNTRIES [d]	549	326	137	92	219	1362	1099	25	49	502			4360	907
TOTAL SYNTHETIC STAPLE+TOW	**18867**	**13641**	**19850**	**14404**	**19546**	**17507**	**16628**	**14331**	**17638**	**19434**			**171846**	**157579**

a. Italy 99, India 86, Hungary 79, Ecuador 67, France 63, Australia 35, Taiwan 23, Belgium 20, Uruguay 13, Turkey 12, Thailand 7, Hong Kong 1, Peru 1, Venezuela 1.

b. Finland 5059, Spain 3250, Thailand 2378, Yugoslavia 1457, China, PRC 351, Italy 272, Mexico 119, Venezuela 116, Netherlands 107, France 87, Brazil 7, Czechoslovakia 3.

c. Ireland 437, Spain 268, Switzerland 115, Turkey 114, El Salvador 106, Paraguay 83, Sweden 77, Hong Kong 47, Morocco 47, Austria 45, Peru 45, Finland 32, China, PRC 19, Honduras 18, India 15, Yugoslavia 8, Greece 6, Haiti 6, Colombia 5, Australia 2, Dominican Republic 2.

d. Brazil 2766, Venezuela 395, China, PRC 365, Thailand 209, Malaysia 184, Sweden 180, Romania 86, Denmark 64, Hong Kong 64, Poland 47.

TABLE 18:
SELECTED U.S. MONTHLY FIBER DATA

MILLION POUNDS

ITEM	1990 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE[a] 1990	1989
MANUFACTURED FIBER TOTAL SHIPMENTS[b,c]														
ARTIFICIAL (CELLULOSIC)														
YARN	15.1	15.4	17.4	18.1	17.4	16.9	19.1	17.3	17.6	19.3	15.3		188.9	199.7
RAYON STAPLE	30.1	25.3	26.3	28.2	25.1	22.6	24.8	25.0	25.3	28.5	22.3		283.5	332.6
TOTAL ARTIFICIAL (CELLULOSIC)	**45.2**	**40.7**	**43.7**	**46.3**	**42.5**	**39.5**	**43.9**	**42.3**	**42.9**	**47.8**	**37.6**		**472.4**	**532.3**
SYNTHETIC (NONCELLULOSIC)														
YARN+MONOFILAMENTS														
NYLON - INDUSTRIAL[d]	24.9	30.3	28.4	28.4	28.8	27.6	24.9	30.6	32.5	28.5	33.4		318.3	332.7
- CARPET	86.5	81.1	82.2	85.6	80.1	75.8	71.8	88.4	80.7	86.0	83.8		902.0	886.4
- TEXTILE	28.9	28.2	29.9	32.0	32.0	31.3	29.0	31.0	31.9	32.7	32.3		339.2	367.2
POLYESTER - INDUSTRIAL[d]	27.2	28.6	31.8	32.9	30.1	30.2	28.1	29.4	28.3	32.7	30.0		329.3	332.8
- TEXTILE[f]	56.6	56.2	58.0	69.8	68.4	61.4	59.2	68.9	65.2	67.1	66.6		697.4	744.2
OLEFIN[e]	107.2	116.5	116.7	124.2	124.5	122.2	113.3	124.1	124.7	123.8	117.0		1314.2	1154.4
TOTAL YARN	**331.3**	**340.9**	**347.0**	**372.9**	**363.9**	**348.5**	**326.3**	**372.4**	**363.3**	**370.8**	**363.1**		**3900.4**	**3817.7**
STAPLE+TOW+FIBERFILL														
NYLON	88.8	74.9	86.0	85.0	87.0	77.6	72.2	87.7	81.9	89.1	80.9		911.1	904.5
ACRYLIC+MODACRYLIC	40.4	39.7	43.2	39.7	43.0	43.8	38.6	45.5	42.1	40.1	41.2		457.3	500.3
POLYESTER	168.9	175.7	173.3	182.2	176.2	167.6	156.4	178.5	178.4	207.6	181.0		1945.8	2173.5
OLEFIN	30.3	34.4	35.3	35.1	36.0	37.1	31.5	36.9	34.7	34.4	33.5		379.2	349.1
TOTAL STAPLE	**328.4**	**324.7**	**337.8**	**342.0**	**342.2**	**326.1**	**298.7**	**348.6**	**337.1**	**371.2**	**336.6**		**3693.4**	**3927.4**
TOTAL SYNTHETIC (NONCELLULOSIC)	**659.7**	**665.6**	**684.8**	**714.9**	**706.1**	**674.6**	**625.0**	**721.0**	**700.4**	**742.0**	**699.7**		**7593.8**	**7745.1**
TOTAL MANUFACTURED FIBER	**704.9**	**706.3**	**728.5**	**761.2**	**748.6**	**714.1**	**668.9**	**763.3**	**743.3**	**789.8**	**737.3**		**8066.2**	**8277.4**
MANUFACTURED FIBER END-OF-MONTH STOCK														
ARTIFICIAL (CELLULOSIC)														
YARN	9.7	9.9	8.8	9.1	7.6	8.7	8.9	8.3	8.3	8.6	8.6		8.6	8.9
RAYON STAPLE	20.2	17.2	14.0	14.2	11.9	10.1	12.4	10.6	9.2	8.8	10.7		10.7	19.2
TOTAL ARTIFICIAL (CELLULOSIC)	**29.9**	**27.1**	**22.8**	**23.3**	**19.5**	**18.8**	**21.3**	**18.9**	**17.5**	**17.4**	**19.3**		**19.3**	**28.1**
SYNTHETIC (NONCELLULOSIC)														
YARN+MONOFILAMENTS														
NYLON - INDUSTRIAL[d]	36.8	33.7	33.4	36.0	30.1	35.7	42.2	36.9	34.6	30.4	25.1		25.1	25.8
- CARPET	60.5	61.2	62.6	63.2	65.4	78.2	82.3	70.2	71.7	75.8	83.5		83.5	56.6
- TEXTILE[f]	57.0	59.9	64.3	63.5	63.5	62.9	62.1	60.2	57.9	50.9	47.7		47.7	53.6
POLYESTER - INDUSTRIAL[d]	39.3	40.6	39.5	39.2	37.9	35.8	35.6	35.5	38.7	38.1	35.4		35.4	35.6
- TEXTILE[f]	94.5	104.9	109.9	106.4	99.7	100.8	100.2	91.5	86.5	90.1	89.7		89.7	120.5
OLEFIN[e]	68.1	66.6	65.4	63.3	63.2	61.2	59.5	58.6	58.6	57.3	57.2		57.2	65.3
TOTAL YARN	**356.2**	**366.9**	**375.1**	**371.6**	**359.8**	**374.6**	**381.9**	**352.9**	**348.0**	**342.6**	**338.6**		**338.6**	**357.4**
STAPLE+TOW+FIBERFILL														
NYLON	40.1	40.5	37.1	44.3	47.7	60.5	65.3	59.6	61.5	59.4	57.2		57.2	50.5
ACRYLIC+MODACRYLIC	69.5	70.9	72.8	75.3	78.9	83.2	87.0	86.3	86.0	81.2	80.2		80.2	64.0
POLYESTER	193.5	195.1	192.9	217.4	210.8	212.4	216.8	197.1	187.0	171.6	166.1		166.1	204.4
OLEFIN	34.6	33.4	31.5	29.8	28.5	28.6	29.8	29.6	28.3	28.3	28.3		28.3	34.2
TOTAL STAPLE	**337.7**	**339.9**	**334.3**	**366.8**	**365.9**	**384.7**	**398.9**	**372.6**	**362.8**	**340.5**	**331.8**		**331.8**	**353.1**
TOTAL SYNTHETIC (NONCELLULOSIC)	**693.9**	**706.8**	**709.4**	**738.4**	**725.7**	**759.3**	**780.8**	**725.5**	**710.8**	**683.1**	**670.4**		**670.4**	**710.5**
TOTAL MANUFACTURED FIBER	**723.8**	**733.9**	**732.2**	**761.7**	**745.2**	**778.1**	**802.1**	**744.4**	**728.3**	**700.5**	**689.7**		**689.7**	**738.6**
COTTON CONSUMPTION														
RAW COTTON	317.3	332.1	365.9	327.8	336.8	381.0	293.7	289.4	380.8	352.7			3377.5	3351.2
WOOL CONSUMPTION[g]	**1ST QUARTER**		**2ND QUARTER**		**3RD QUARTER**		**4TH QUARTER**							
APPAREL CLASS WOOL	31.7		32.4		27.9								92.0	99.2
CARPET CLASS WOOL	3.8		2.9		4.1								10.8	11.1
TOTAL RAW WOOL	**35.5**		**35.3**		**32.0**								**102.8**	**110.3**

a. "Year to date" totals for stock, are the latest month's figures.
b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
c. Producers' total domestic shipments plus export shipments.
d. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
e. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
f. Includes low denier industrial yarn.
g. **Wool data for 1990 available on a quarterly basis only.**

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The names of U.S. fiber manufacturers, together with the products made, are listed on pages 239-247. The corresponding list of world producers is on pages 122-150. Monthly U.S. fiber shipments and stock data, appearing in the table "Selected U.S. Monthly Fiber Data," are usually found on the last page of each ***Fiber Organon*** issue. In the following index this appears under the heading "Monthly Data".

Each issue of the ***Fiber Organon*** contains one or more principal topics. The following is a brief outline of the major subjects covered in the 1990 issues. The numbers in parentheses are the pages of each month's issue.

JANUARY	Special Feature: "Capacity Utilization Review" (1-20)
FEBRUARY	Special Features: "Trade in Apparel and Textiles by Selected Countries"; "1989 Import/Export Review" (21-48)
MARCH	Special Feature: "1989: A Year in Perspective" (49-68)
APRIL	Special Feature: "Import Review" (69-84)
MAY	Special Feature: "1989 Per Capita Consumption Review" (85-104)
JUNE	**"Worldwide Manufactured Fiber Survey:** Directory of Worldwide Manufactured Fiber Producers" (105-160)
JULY	Special Feature: "Worldwide Manufactured Fiber Data in Pounds" (161-184)
AUGUST	Special Feature: "Worldwide Weaving Machinery in Place" (185-200)
SEPTEMBER	**"Annual U.S. End Use Survey"** (201-220)
OCTOBER	Special Feature: "U.S. Import/Export Update" (221-236)
NOVEMBER	Special Features: **"1989 Directory of American Fiber Manufacturers"**; "U.S. Balance of Trade in Apparel" (237-264)
DECEMBER	Special Features: "Worldwide Natural Fiber Survey"; "November 1990 Capacity Survey Analysis" (265-288)

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